

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045274.D
 Acq On : 7 May 2020 18:00
 Operator : CG/JU
 Sample : PB128702BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BS

Manual Integrations
 APPROVED

mohammad
 5/8/2020 1:00:09 PM

Quant Time: May 07 18:49:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	61373	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	243763	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	176393	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	419127	20.00	ng	0.00
76) Chrysene-d12	21.64	240	376371	20.00	ng	0.00
87) Perylene-d12	24.81	264	421234	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	515439	138.65	ng	0.00
7) Phenol-d6	7.15	99	702621	127.21	ng	0.00
23) Nitrobenzene-d5	9.14	82	452916	84.78	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	345014	126.61	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1031256	85.73	ng	0.00
79) Terphenyl-d14	19.99	244	1734098	100.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	66708	40.378	ng	99
3) Pyridine	3.84	79	152632	30.006	ng	97
4) n-Nitrosodimethylamine	3.75	42	66926	42.949	ng	87
6) Aniline	7.30	93	177857	24.767	ng	98
8) 2-Chlorophenol	7.55	128	180657	45.218	ng	100
9) Benzaldehyde	7.11	77	143351	48.984	ng	97
10) Phenol	7.18	94	234523	42.433	ng	97
11) bis(2-Chloroethyl)ether	7.40	93	167583	38.083	ng	97
12) 1,3-Dichlorobenzene	7.87	146	191398	40.655	ng	98
13) 1,4-Dichlorobenzene	8.02	146	194857	41.538	ng	97
14) 1,2-Dichlorobenzene	8.34	146	183291	40.841	ng	95
15) Benzyl Alcohol	8.22	79	182855	39.487	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.51	45	154058	35.665	ng	97
17) 2-Methylphenol	8.43	107	158485	37.165	ng	94
18) Hexachloroethane	9.07	117	75488	42.805	ng	97
19) n-Nitroso-di-n-propylamine	8.79	70	145533	37.259	ng	96
20) 3+4-Methylphenols	8.76	107	220113	36.877	ng	97
22) Acetophenone	8.80	105	272001	41.262	ng	# 97
24) Nitrobenzene	9.18	77	218448	39.891	ng	98
25) Isophorone	9.71	82	406754	37.179	ng	99
26) 2-Nitrophenol	9.90	139	102508	43.458	ng	94
27) 2,4-Dimethylphenol	9.96	122	166236	44.416	ng	95
28) bis(2-Chloroethoxy)methane	10.19	93	227711	39.614	ng	98
29) 2,4-Dichlorophenol	10.44	162	182963	42.336	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	203947	41.681	ng	98
31) Naphthalene	10.84	128	548545	41.136	ng	100
32) Benzoic acid	10.11	122	97221	34.259	ng	87
33) 4-Chloroaniline	10.94	127	94171	15.142	ng	98
34) Hexachlorobutadiene	11.14	225	139816	41.677	ng	95
35) Caprolactam	11.70	113	64250m	37.354	ng	
36) 4-Chloro-3-methylphenol	12.08	107	207829	40.937	ng	96
37) 2-Methylnaphthalene	12.45	142	417821	40.368	ng	97
38) 1-Methylnaphthalene	12.67	142	394378	40.361	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	239855	42.233	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	268937	75.763	ng	97
43) 2,4,6-Trichlorophenol	13.06	196	165875	41.383	ng	97
44) 2,4,5-Trichlorophenol	13.14	196	177880	38.987	ng	99
46) 1,1'-Biphenyl	13.46	154	535600	39.949	ng	100
47) 2-Chloronaphthalene	13.50	162	410879	40.108	ng	97
48) 2-Nitroaniline	13.69	65	129285	38.357	ng	99
49) Acenaphthylene	14.35	152	689017	41.292	ng	99
50) Dimethylphthalate	14.08	163	558352	38.875	ng	100
51) 2,6-Dinitrotoluene	14.19	165	129000	40.155	ng	93
52) Acenaphthene	14.69	154	503702m	44.614	ng	
53) 3-Nitroaniline	14.52	138	67503	19.159	ng	99
54) 2,4-Dinitrophenol	14.73	184	146742	76.818	ng	95
55) Dibenzofuran	15.03	168	670260	40.720	ng	99
56) 4-Nitrophenol	14.84	139	211023	77.244	ng	93
57) 2,4-Dinitrotoluene	14.99	165	184480	39.295	ng	96
58) Fluorene	15.67	166	551208	40.998	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	177526	43.730	ng	97
60) Diethylphthalate	15.44	149	577031	38.534	ng	98
61) 4-Chlorophenyl-phenylether	15.67	204	306370	39.589	ng	99
62) 4-Nitroaniline	15.69	138	116639	31.917	ng	97
63) Azobenzene	15.96	77	554471	40.162	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	109382	39.704	ng	97
66) n-Nitrosodiphenylamine	15.88	169	493334	40.967	ng	100
67) 4-Bromophenyl-phenylether	16.56	248	211232	39.066	ng	92
68) Hexachlorobenzene	16.69	284	231708	41.319	ng	98
69) Atrazine	16.83	200	188629	42.702	ng	97
70) Pentachlorophenol	17.03	266	271117	78.809	ng	98
71) Phenanthrene	17.42	178	896451	41.622	ng	99
72) Anthracene	17.51	178	922180	42.684	ng	98
73) Carbazole	17.78	167	836522	38.155	ng	99
74) Di-n-butylphthalate	18.34	149	1007292	41.771	ng	99
75) Fluoranthene	19.43	202	1104120	43.395	ng	99
77) Benzidine	19.60	184	552042	51.501	ng	97
78) Pyrene	19.79	202	1082976	41.738	ng	98
80) Butylbenzylphthalate	20.68	149	446117	41.478	ng	99
81) Benzo(a)anthracene	21.62	228	1049024	43.003	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	236674	24.376	ng	97
83) Chrysene	21.69	228	1007416	42.982	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	625980	42.318	ng	99
85) Di-n-octyl phthalate	22.73	149	1060290	41.450	ng	100
86) Indeno(1,2,3-cd)pyrene	28.41	276	1300021	41.776	ng	99
88) Benzo(b)fluoranthene	23.81	252	1082538	41.027	ng	98
89) Benzo(k)fluoranthene	23.87	252	1097183	43.725	ng	98
90) Benzo(a)pyrene	24.66	252	1026409	41.201	ng	99
91) Dibenzo(a,h)anthracene	28.48	278	1061232	42.275	ng	99
92) Benzo(g,h,i)perylene	29.54	276	1087925	43.228	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

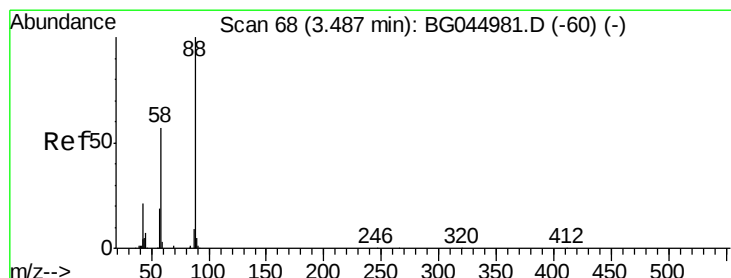
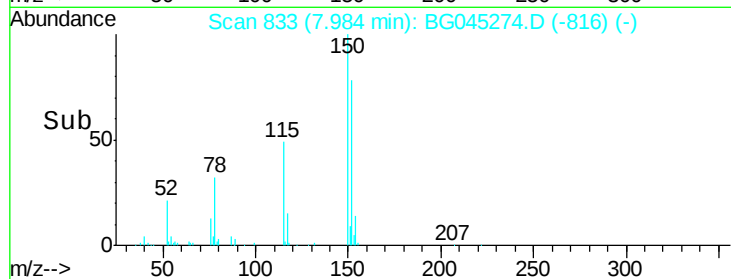
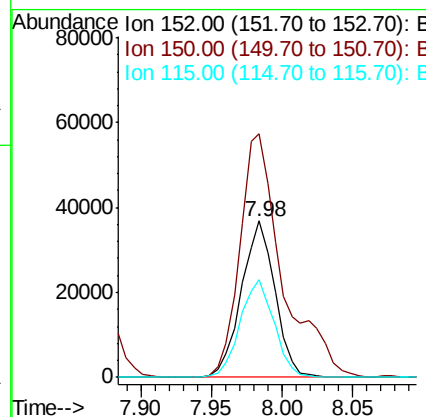
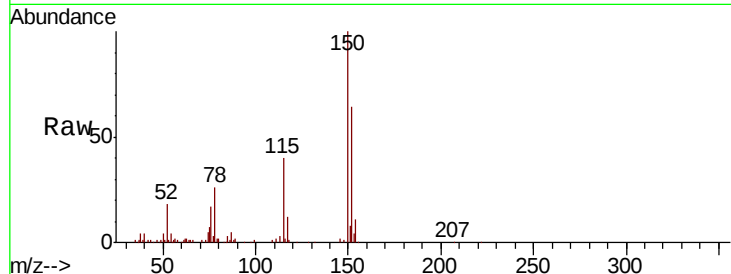
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.6	185.4
115	62.3	49.1	73.7

Manual Integrations
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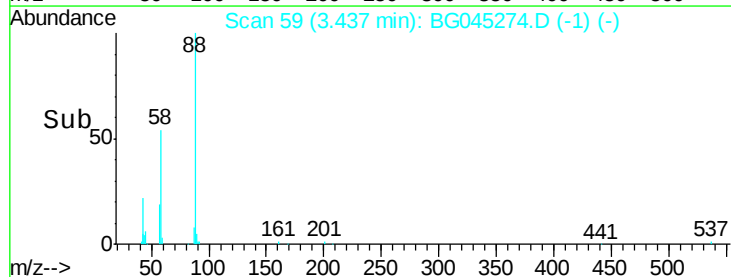
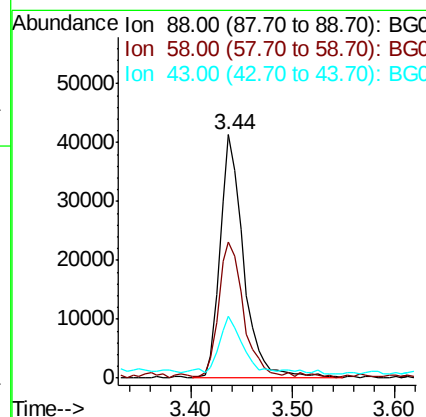
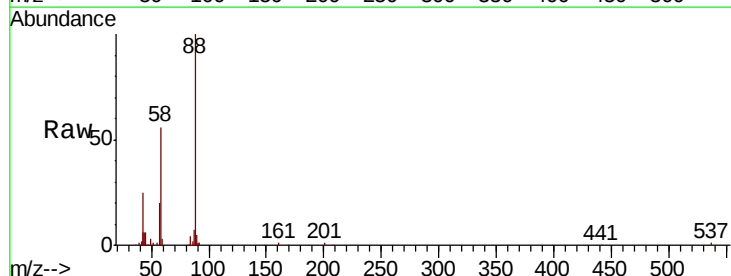
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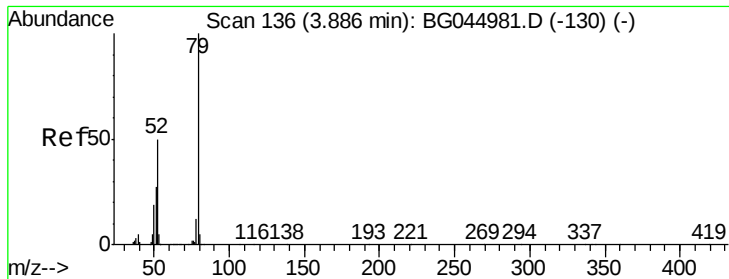


#2

1,4-Dioxane
Concen: 40.378 ng
RT: 3.44 min Scan# 59
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.9	46.6	69.8
43	22.2	17.5	26.3





#3

Pvridine

Concen: 30.006 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

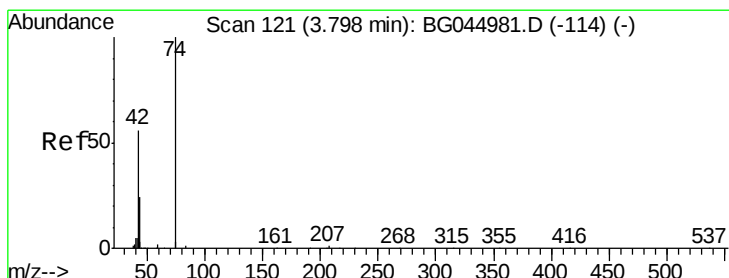
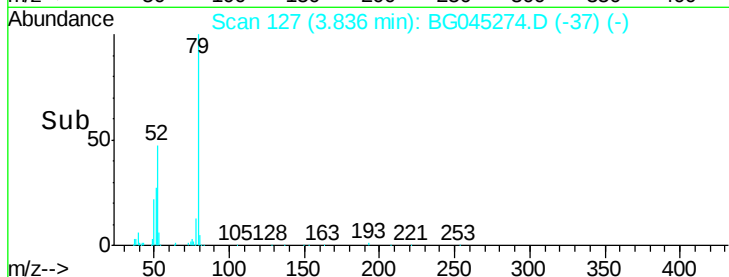
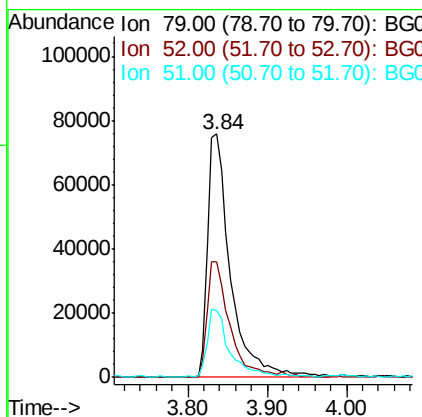
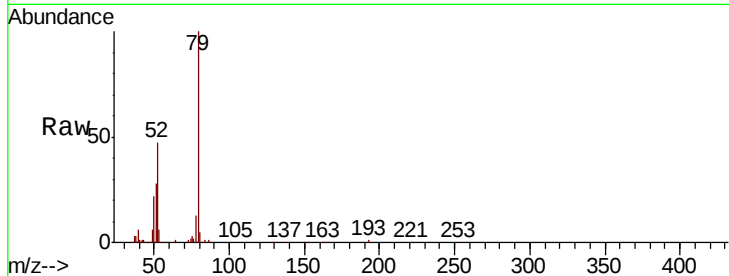
ClientSampleId :

PB128702BS

Tot Ion:	79	Resp:	152632
Ion	Ratio	Lower	Upper
79	100		
52	47.3	39.8	59.6
51	27.8	21.4	32.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.949 ng

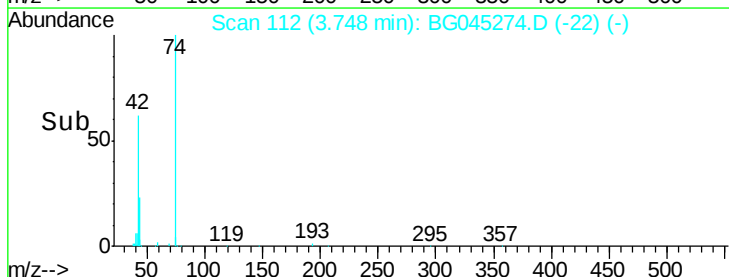
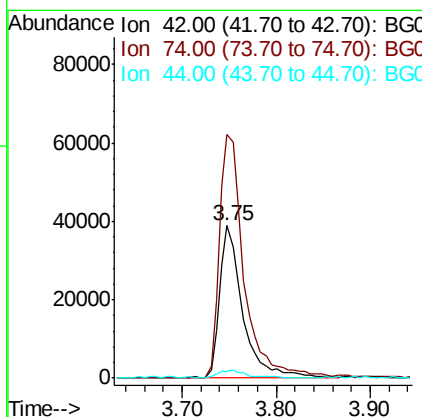
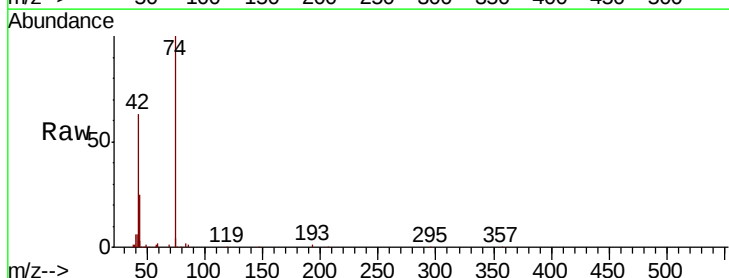
RT: 3.75 min Scan# 112

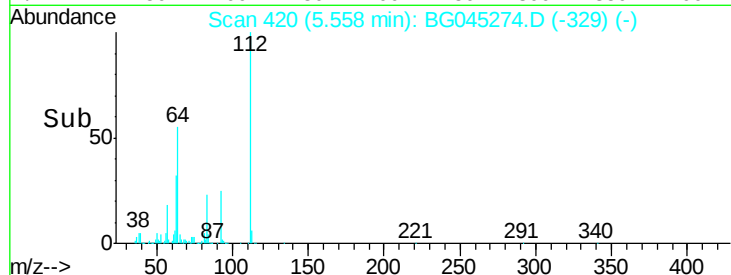
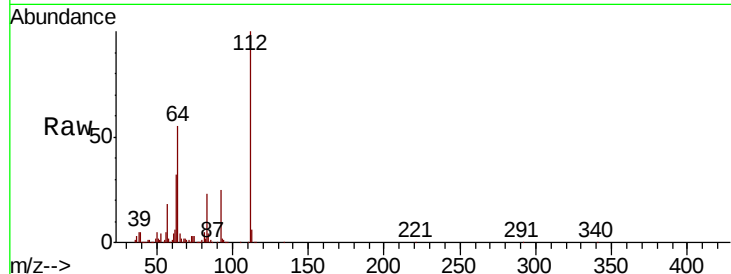
Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	42	Resp:	66926
Ion	Ratio	Lower	Upper
42	100		
74	159.8	143.0	214.6
44	4.8	4.6	6.8





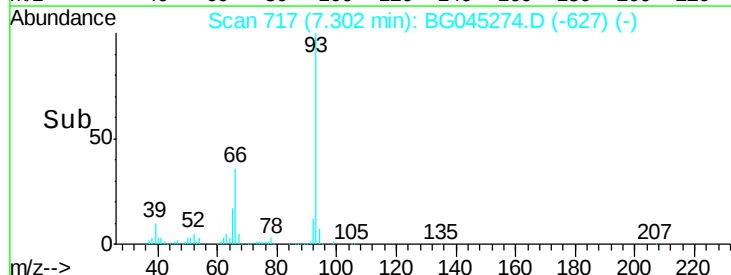
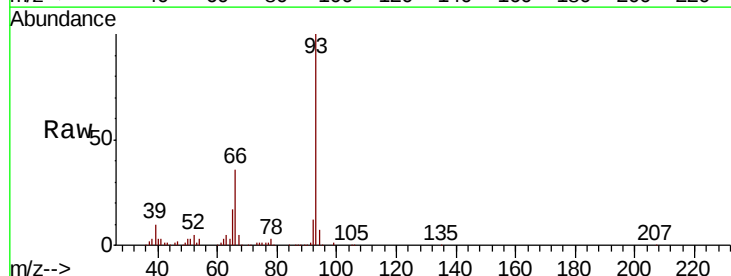
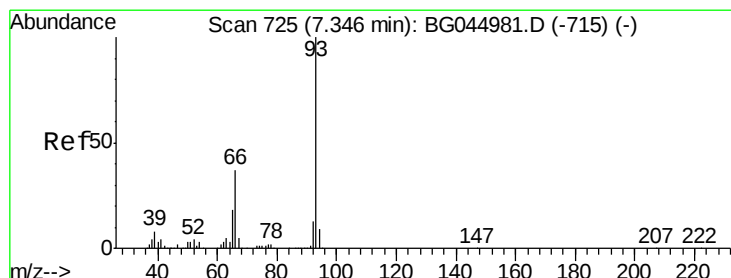
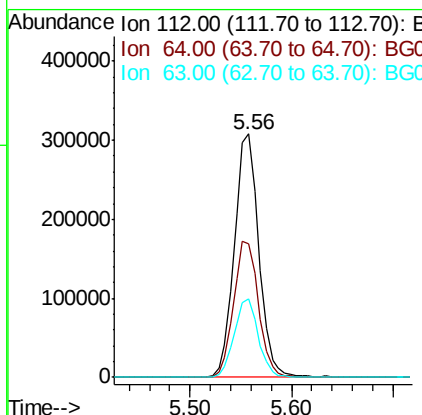
#5
2-Fluorophenol
Concen: 138.654 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		515439		
64	54.7	42.4	63.6		
63	32.4	23.1	34.7		

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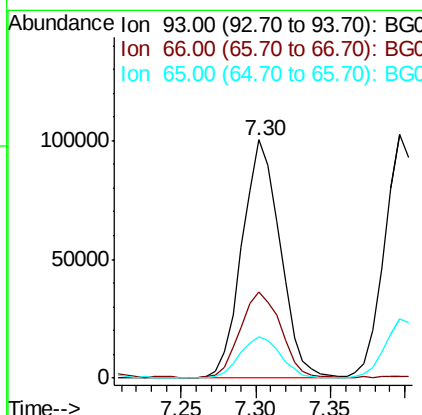
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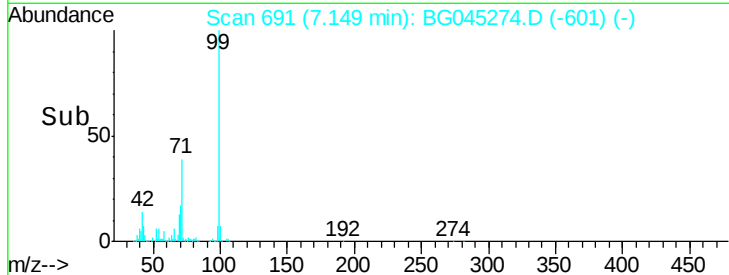
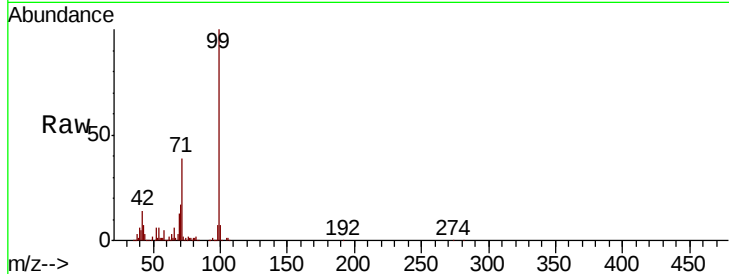
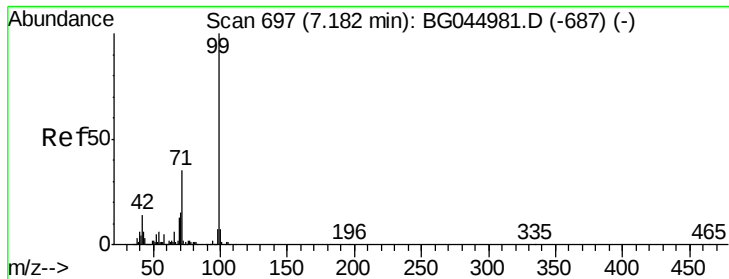
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#6
Aniline
Concen: 24.767 ng
RT: 7.30 min Scan# 717
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		177857		
66	36.2	29.8	44.8		
65	17.3	14.6	22.0		





#7

Phenol-d6

Concen: 127.213 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		702621		
42	14.4	11.3	16.9		
71	38.8	28.3	42.5		

Instrument :

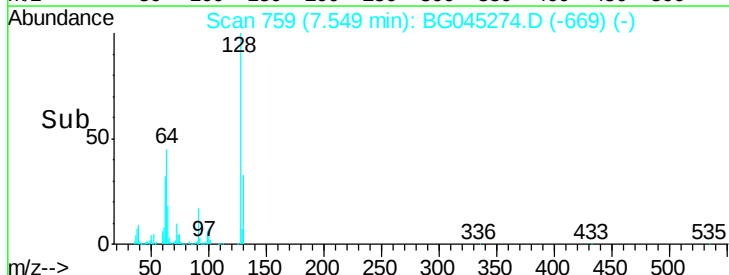
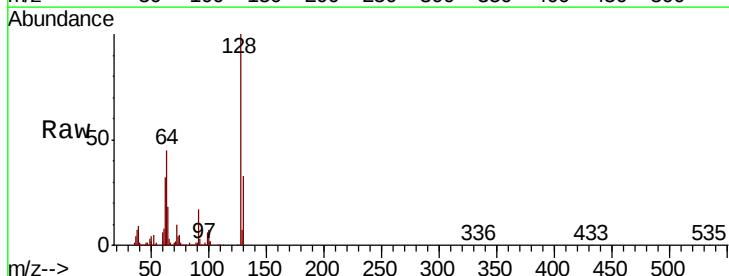
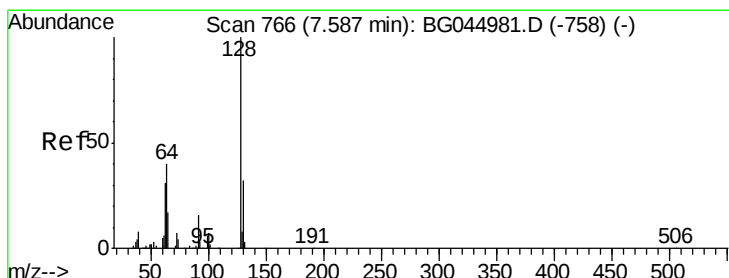
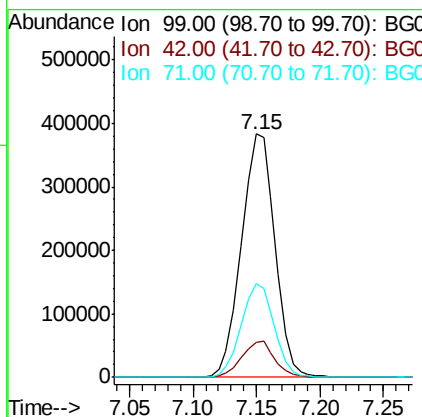
BNA_G

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#8

2-Chlorophenol

Concen: 45.218 ng

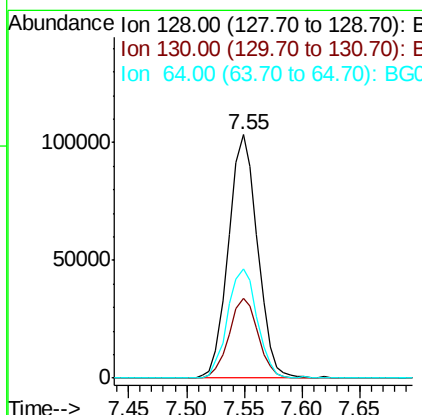
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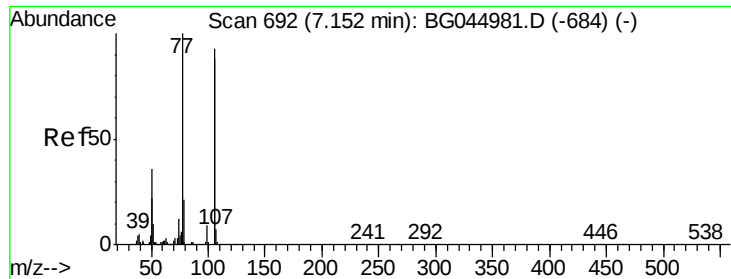
Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		180657		
130	32.6	12.3	52.3		
64	44.7	24.4	64.4		





#9

Benzaldehyde

Concen: 48.984 ng

RT: 7.11 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

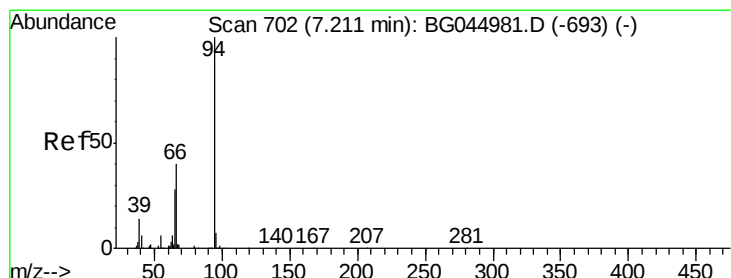
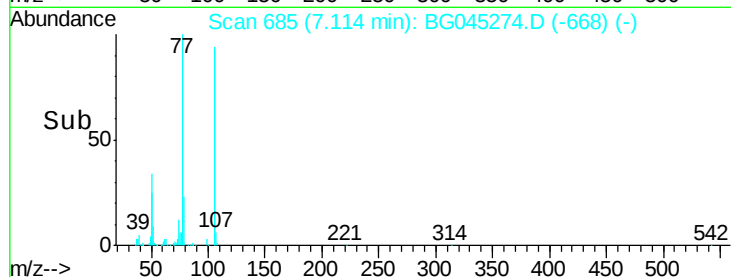
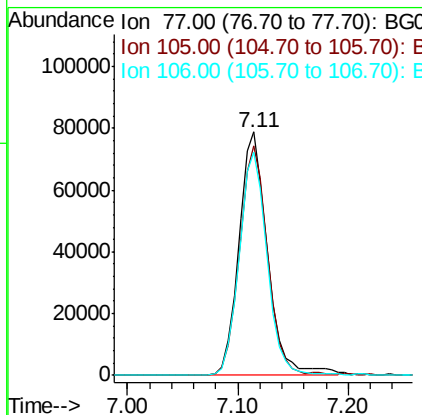
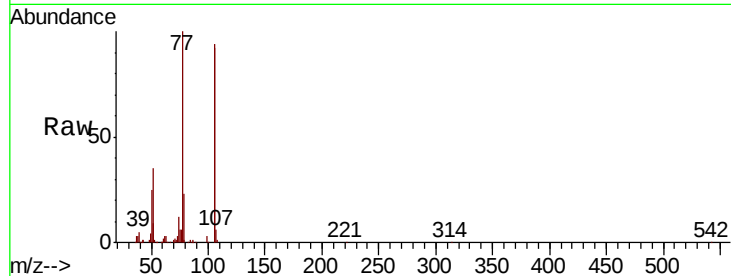
ClientSampleID :

PB128702BS

Tot Ion:	77	Resp:	143351
Ion	Ratio	Lower	Upper
77	100		
105	94.5	72.9	112.9
106	91.9	67.6	107.6

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#10

Phenol

Concen: 42.433 ng

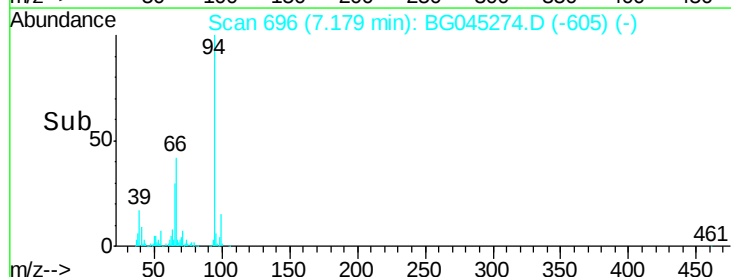
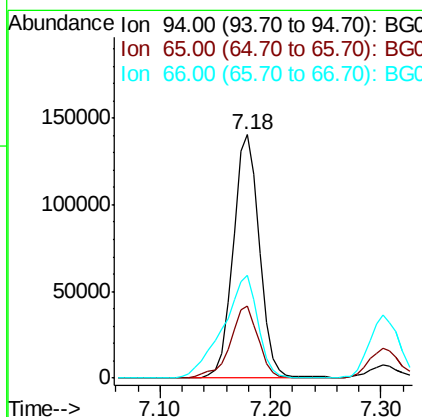
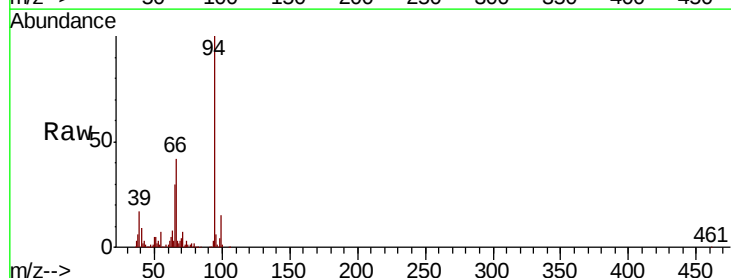
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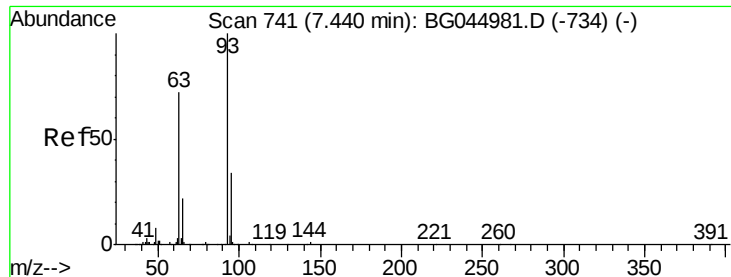
Delta R.T. 0.01 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	94	Resp:	234523
Ion	Ratio	Lower	Upper
94	100		
65	29.7	8.2	48.2
66	42.4	20.4	60.4





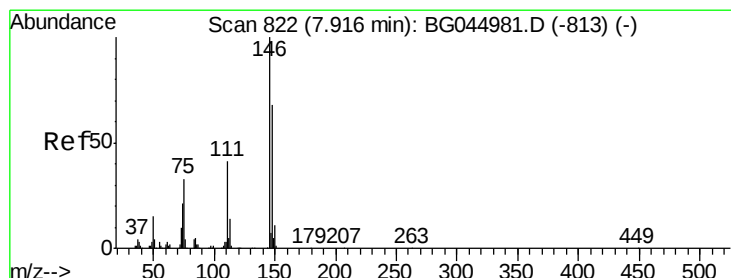
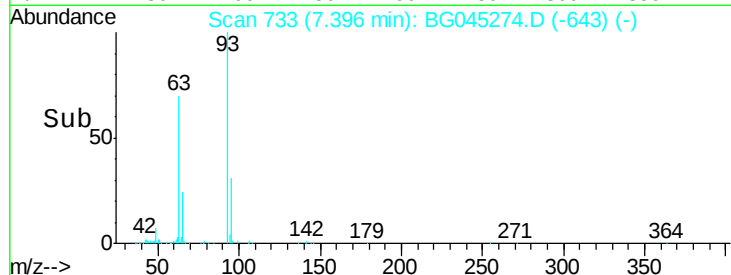
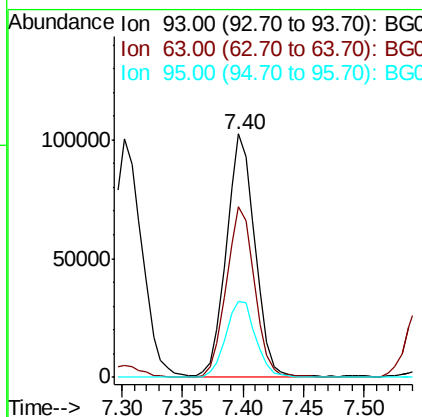
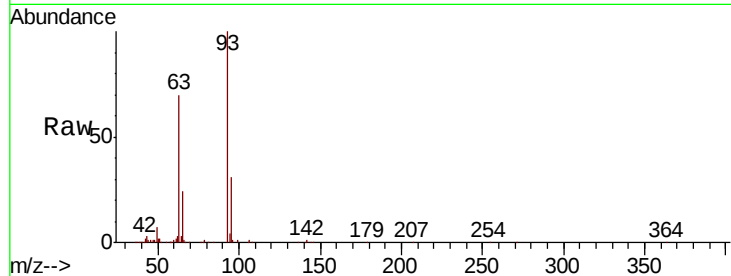
#11
bis(2-Chloroethyl)ether
Concen: 38.083 ng
RT: 7.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleID :
PB128702BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.2	51.8	91.8
95	31.0	13.8	53.8

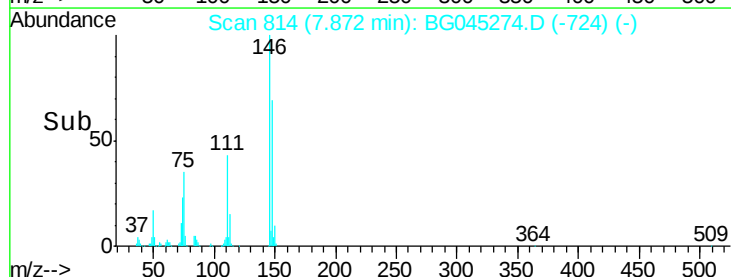
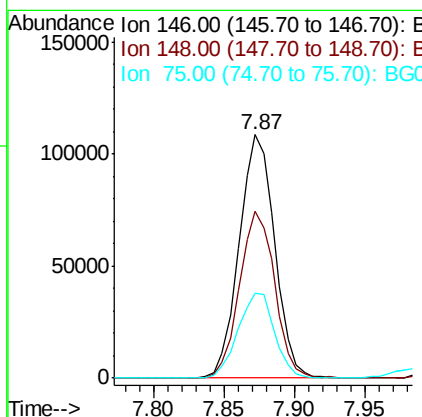
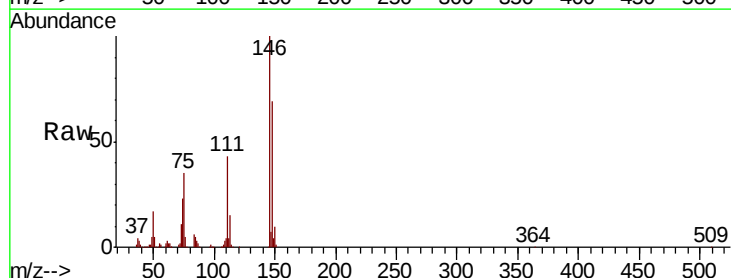
Manual Integrations
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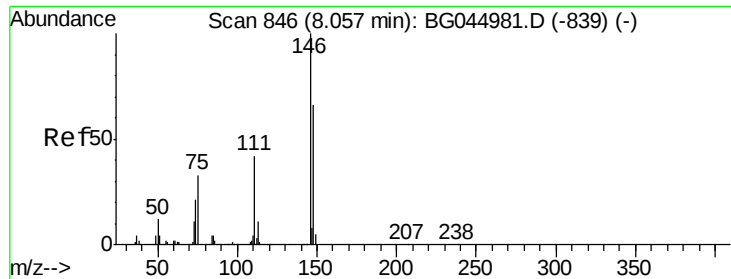
mohammad
5/8/2020 1:00:09 PM



#12
1,3-Dichlorobenzene
Concen: 40.655 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.6	54.6	81.8
75	34.7	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 41.538 ng

RT: 8.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

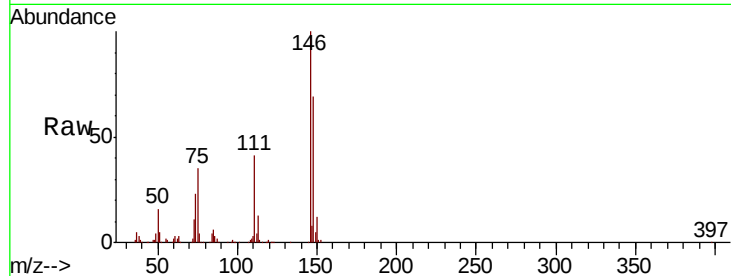
ClientSampled :

PB128702BS

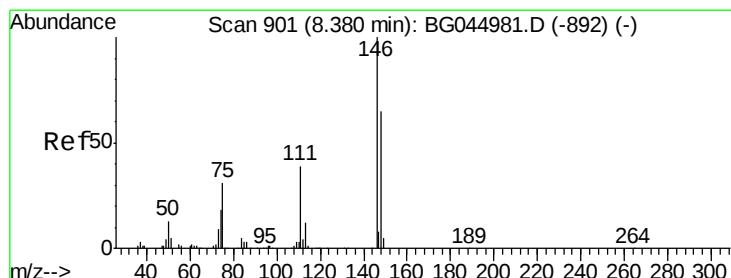
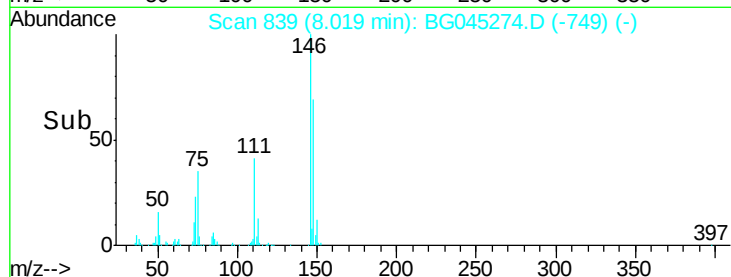
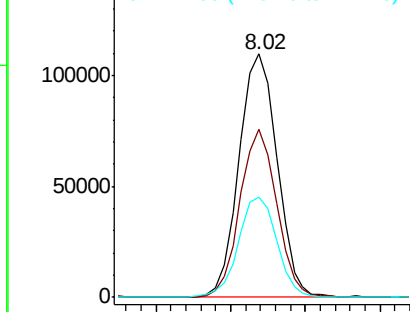
Tot Ion:	146	Resp:	194857
Ion Ratio	Lower	Upper	
146	100		
148	69.3	53.3	79.9
111	41.1	33.8	50.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.841 ng

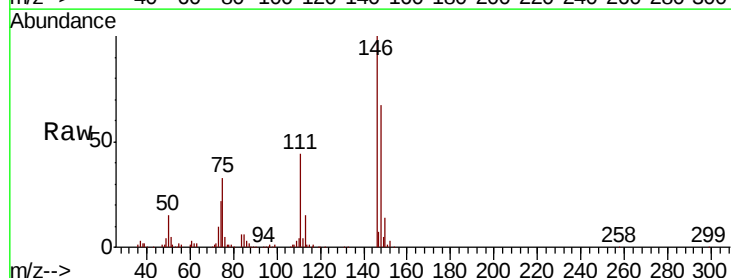
RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

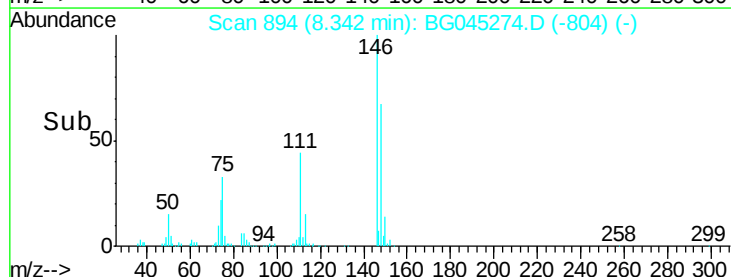
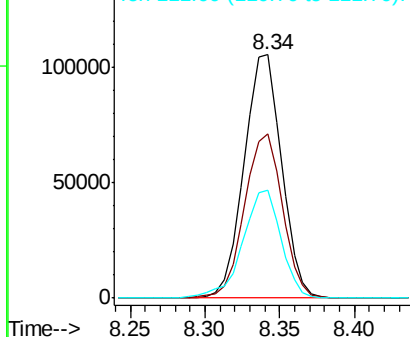
Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	146	Resp:	183291
Ion Ratio	Lower	Upper	
146	100		
148	67.5	51.9	77.9
111	44.2	31.3	46.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.487 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

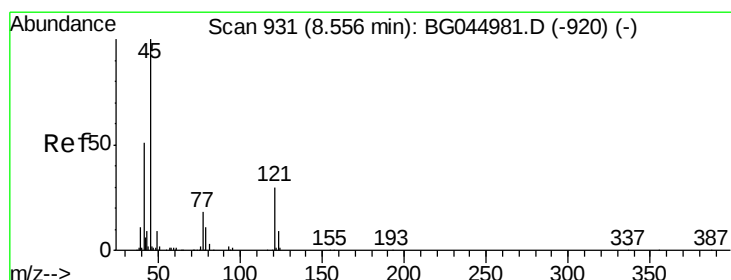
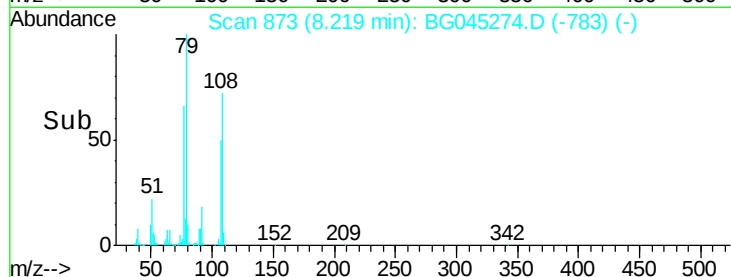
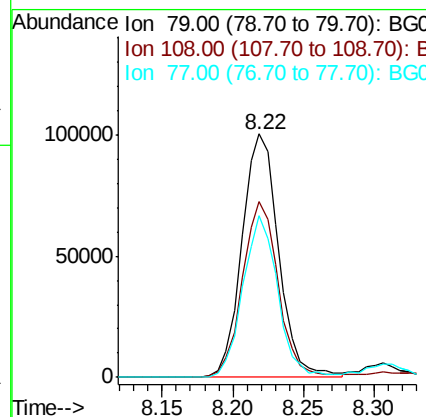
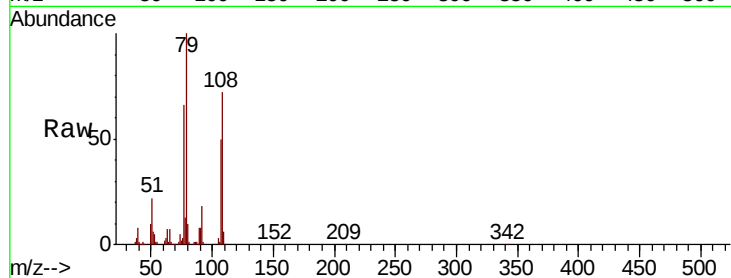
ClientSampleID :

PB128702BS

Tot Ion:	79	Resp:	182855
Ion Ratio	Lower	Upper	
79	100		
108	72.2	52.7	79.1
77	66.4	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.665 ng

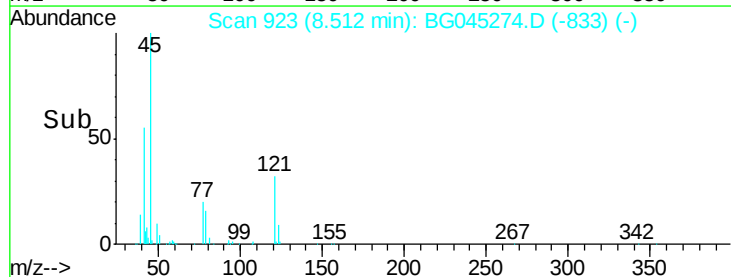
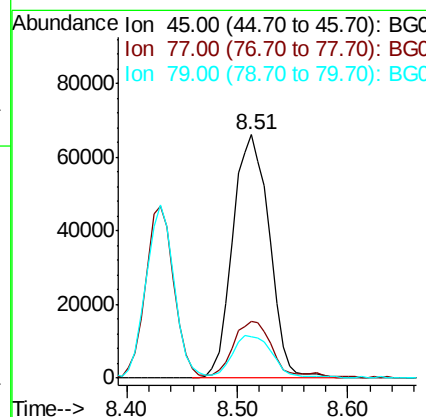
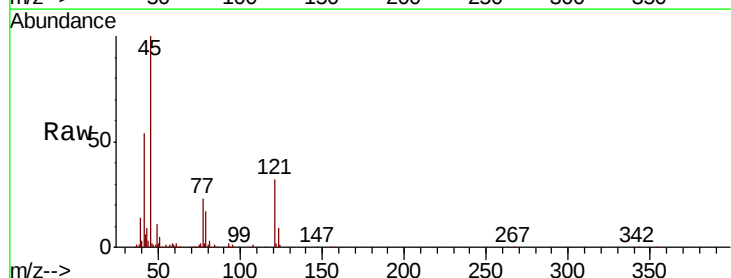
RT: 8.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	45	Resp:	154058
Ion Ratio	Lower	Upper	
45	100		
77	23.2	1.9	41.9
79	17.0	0.0	35.5





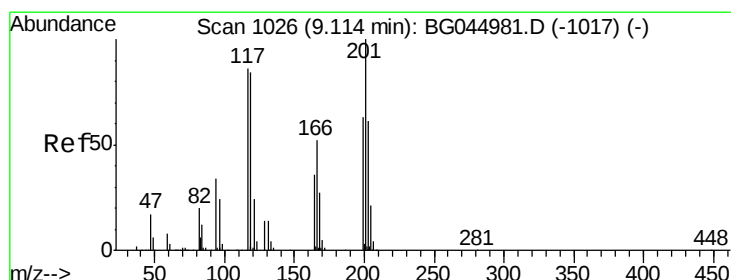
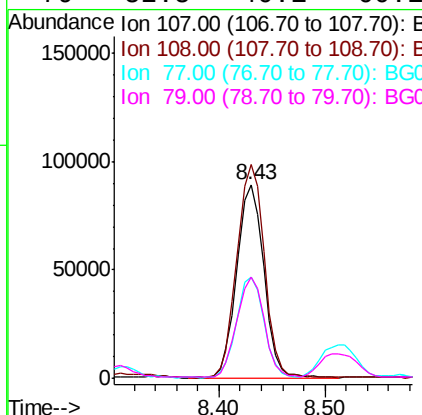
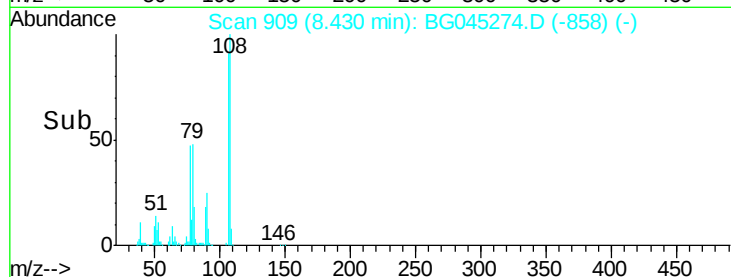
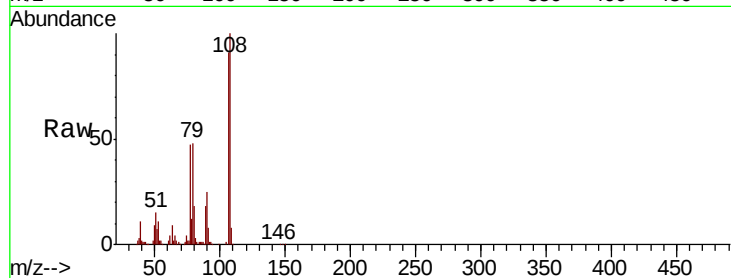
#17
2-Methylphenol
Concen: 37.165 ng
RT: 8.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	93.8	140.6	
77	52.2	38.5	57.7	
79	52.5	40.1	60.1	

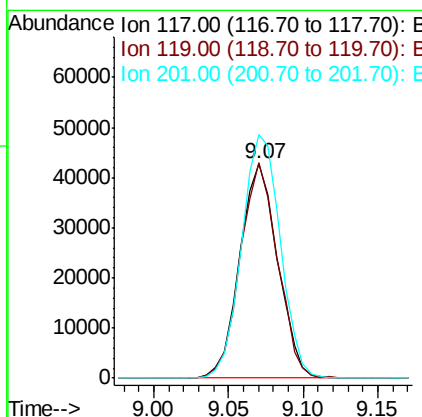
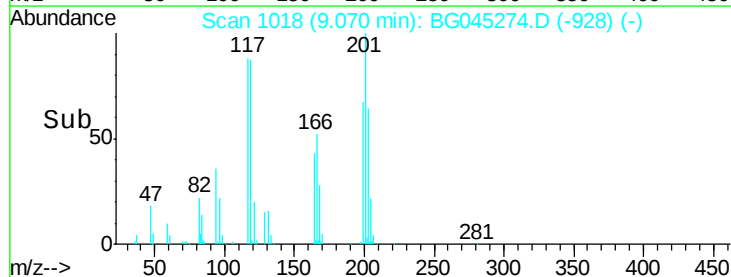
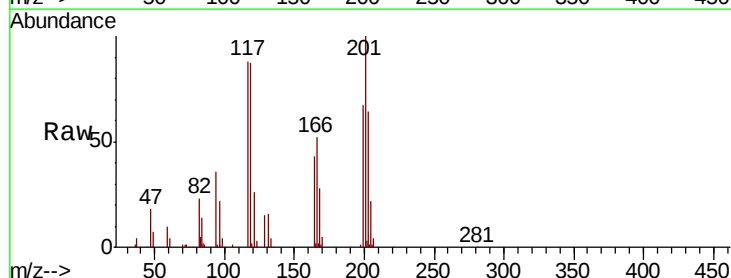
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#18
Hexachloroethane
Concen: 42.805 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.7	78.3	117.5	
201	113.5	92.9	139.3	





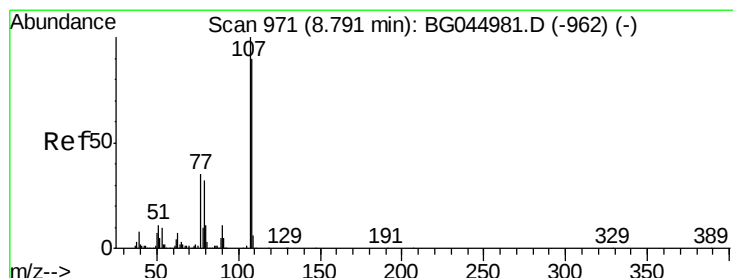
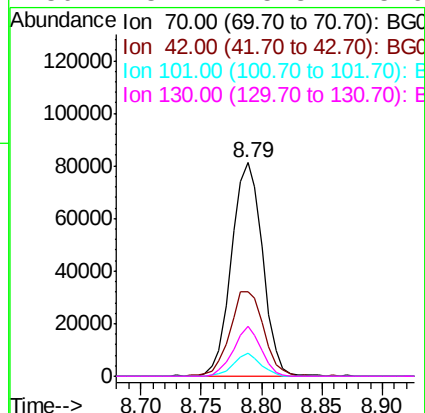
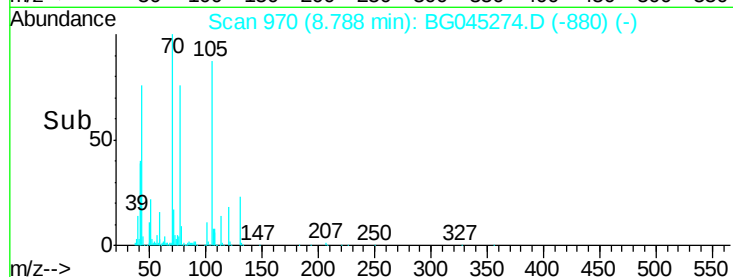
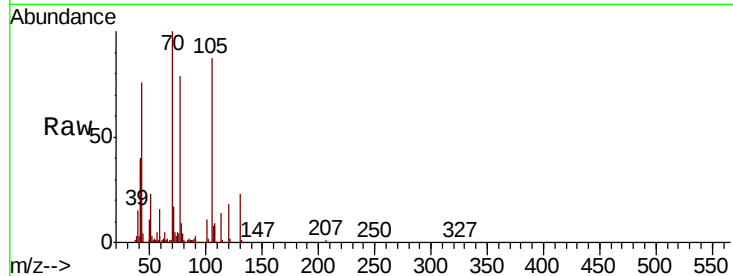
#19
n-Nitroso-di-n-propylamine
Concen: 37.259 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		145533		
42	39.8	33.3	49.9		
101	10.7	7.8	11.8		
130	23.4	15.8	23.6		

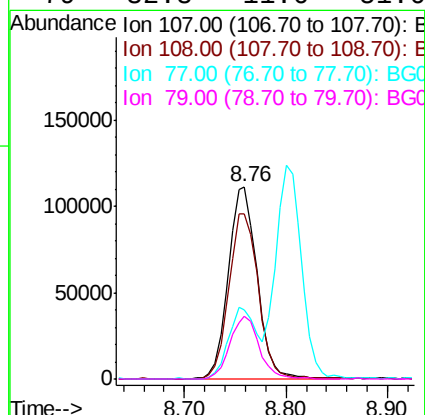
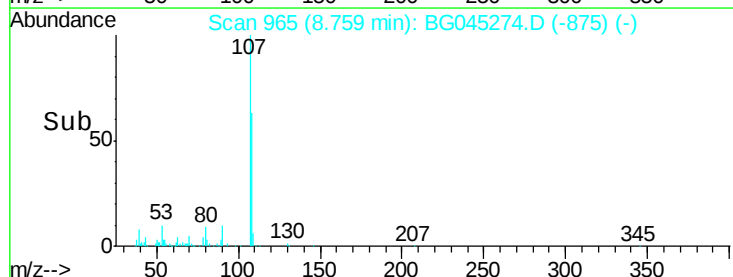
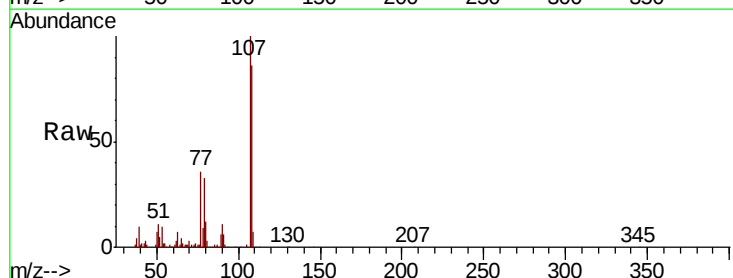
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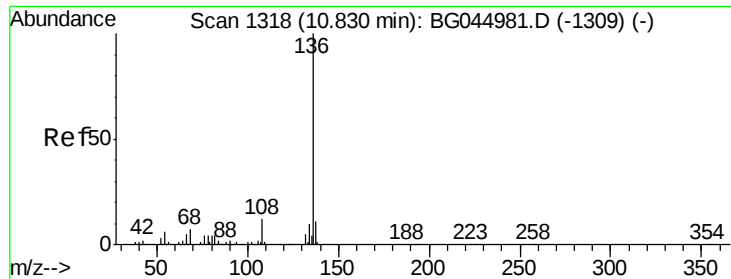
mohammad
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#20
3+4-Methylphenols
Concen: 36.877 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		220113		
108	86.0	69.9	109.9		
77	35.8	15.2	55.2		
79	32.8	11.6	51.6		





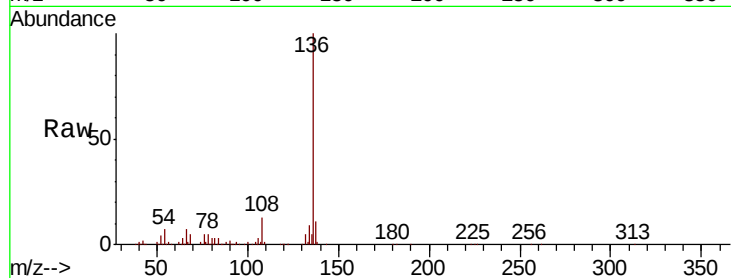
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	243763		
137	11.4	8.6	13.0	
54	6.8	4.8	7.2	
68	5.3	5.2	7.8	

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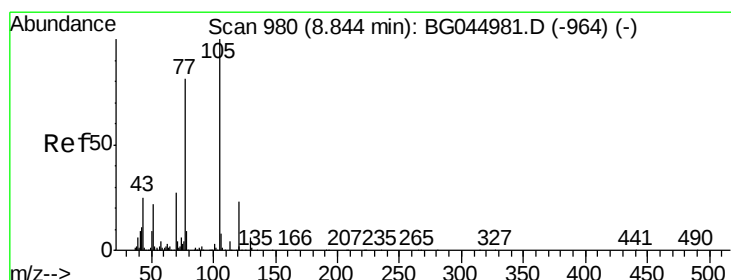
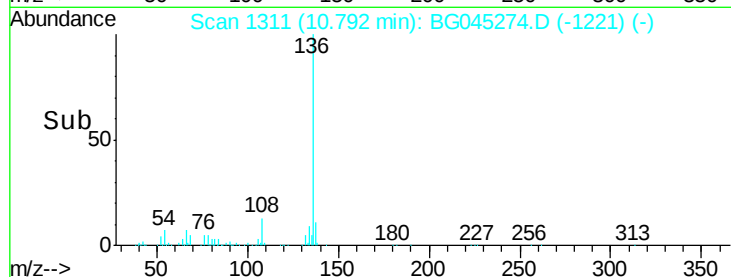
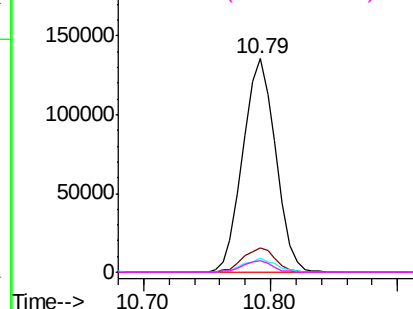
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

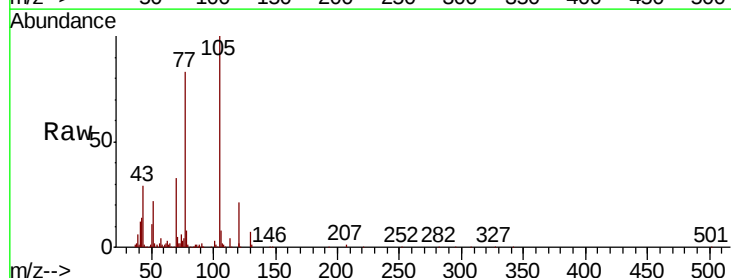
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.262 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272001		
71	5.2	3.3	4.9#	
51	22.0	17.3	25.9	
120	20.9	18.4	27.6	



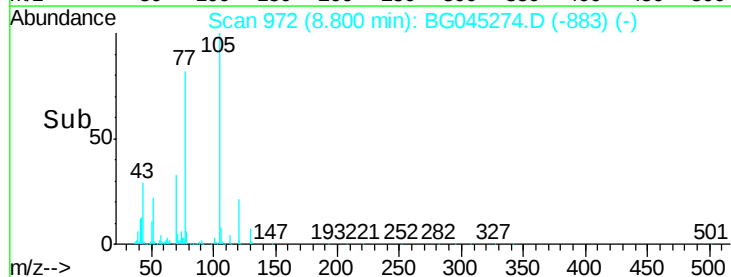
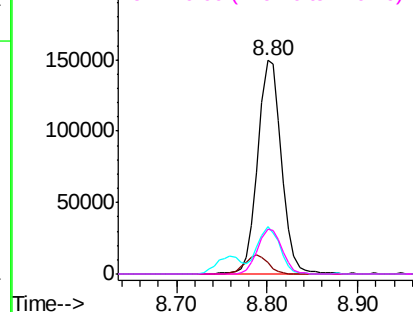
Abundance

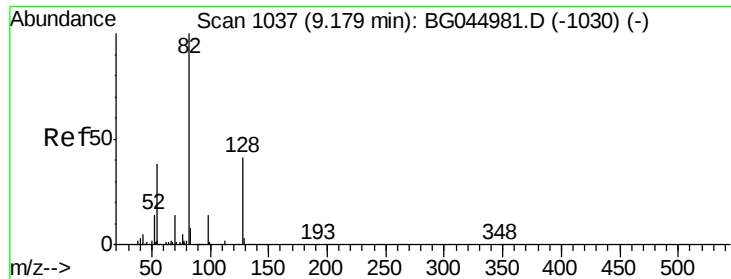
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





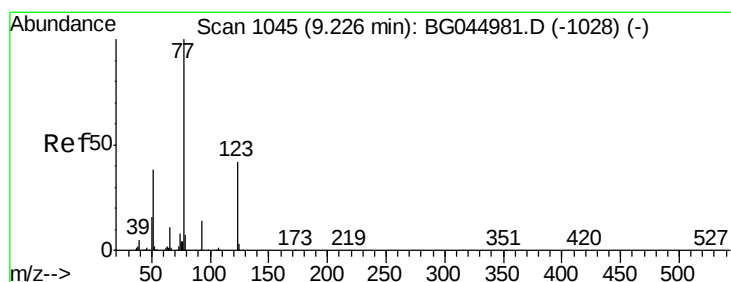
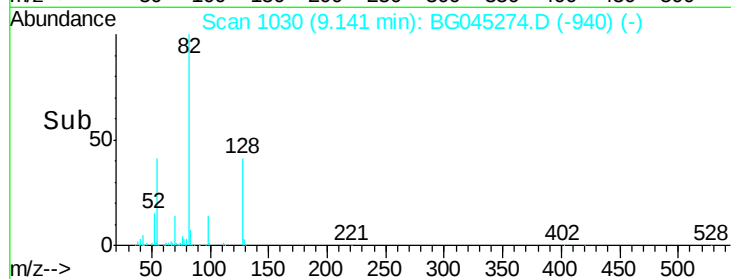
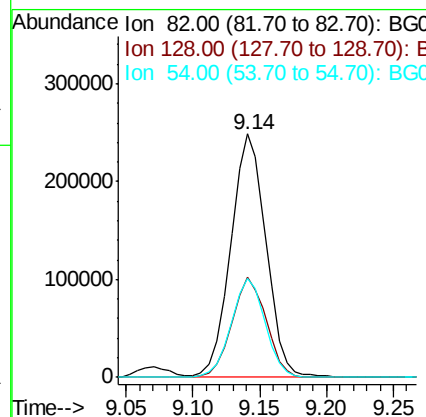
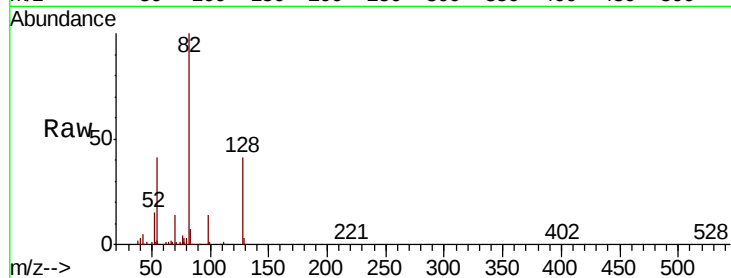
#23
Nitrobenzene-d5
Concen: 84.779 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.0	49.4
54	40.5	30.4	45.6

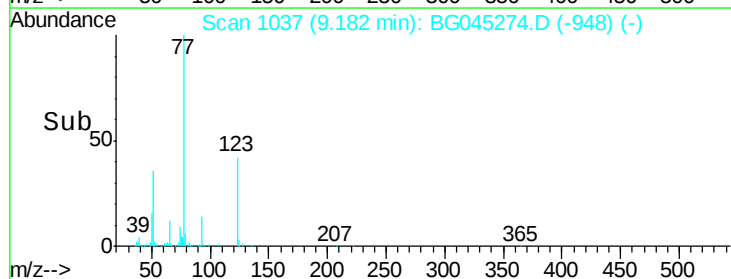
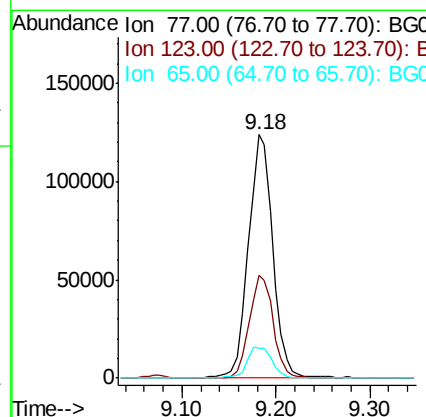
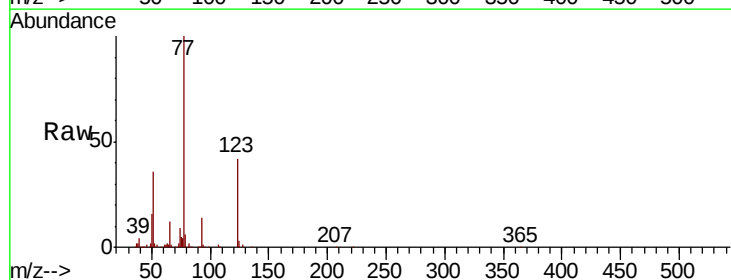
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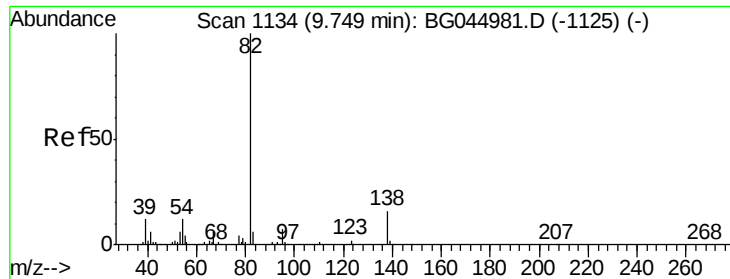
mohammad
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#24
Nitrobenzene
Concen: 39.891 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.3	51.5
65	12.3	8.9	13.3





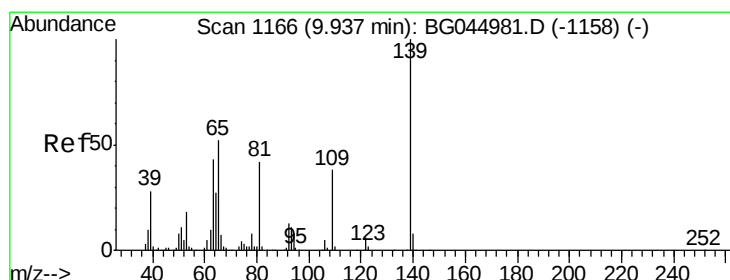
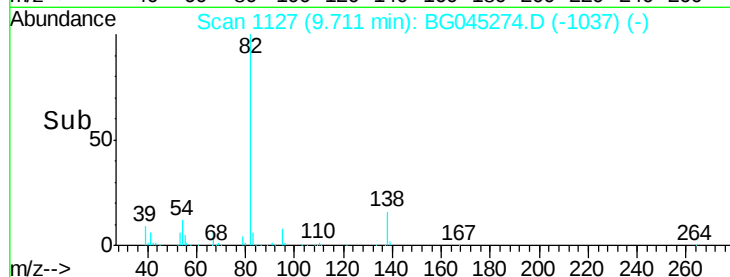
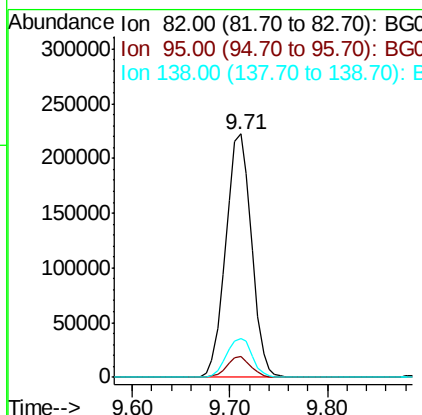
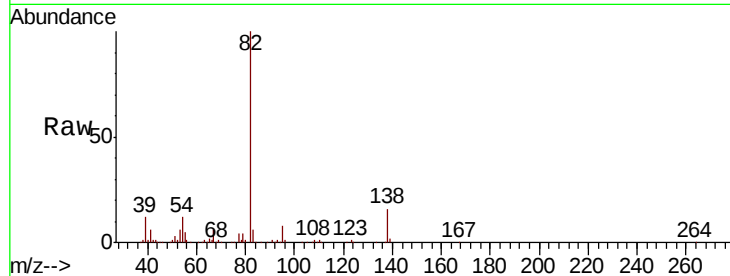
#25
Isophorone
Concen: 37.179 ng
RT: 9.71 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.3	6.0	9.0	
138	16.2	12.7	19.1	

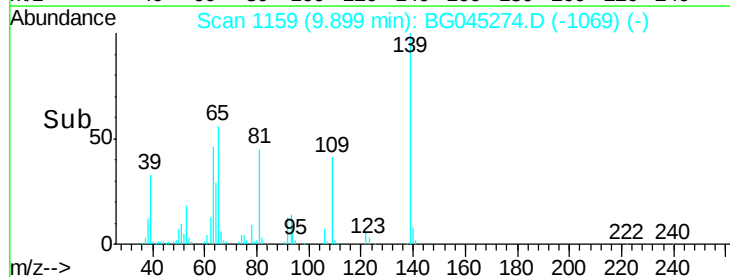
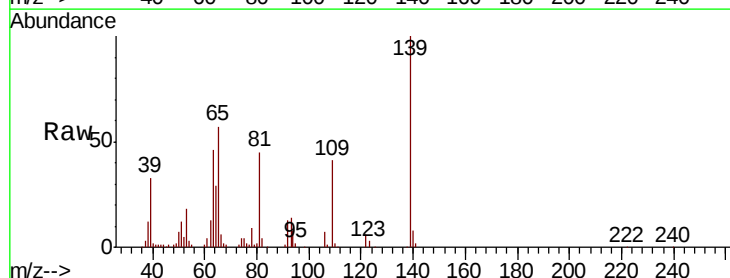
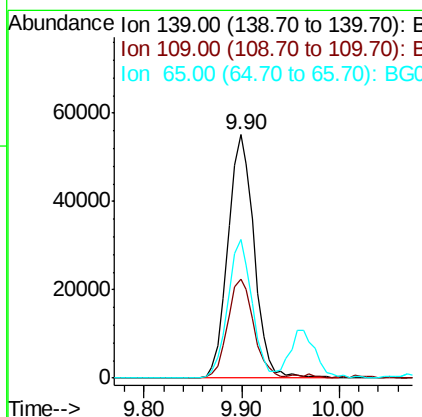
Manual Integrations
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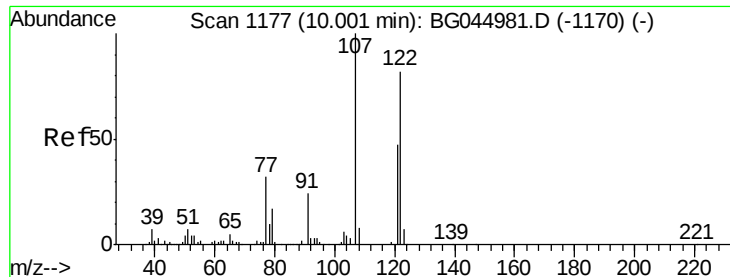
mohammad
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#26
2-Nitrophenol
Concen: 43.458 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	40.9	30.6	45.8	
65	56.8	41.8	62.6	





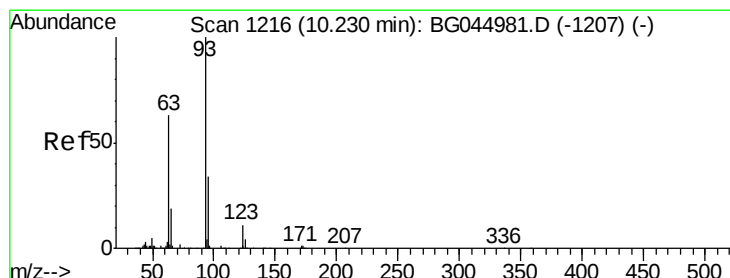
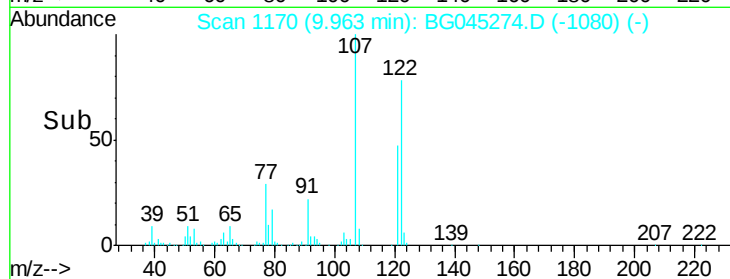
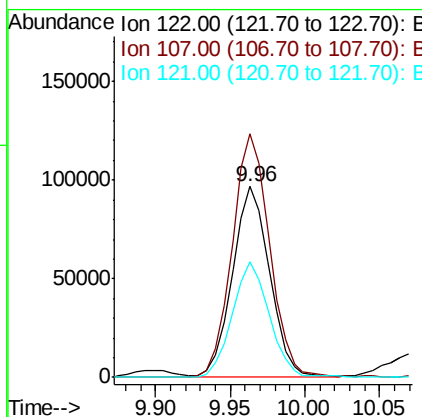
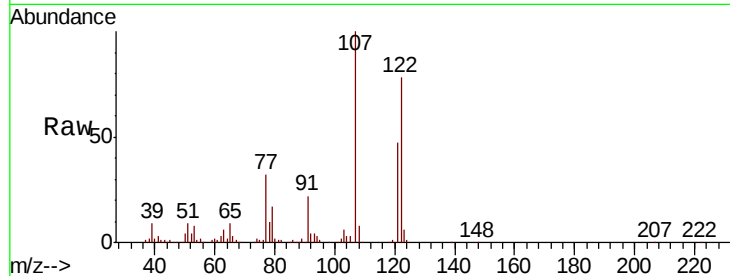
#27
 2,4-Dimethylphenol
 Concen: 44.416 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	166236		
107	127.6	96.8	145.2	
121	60.3	45.6	68.4	

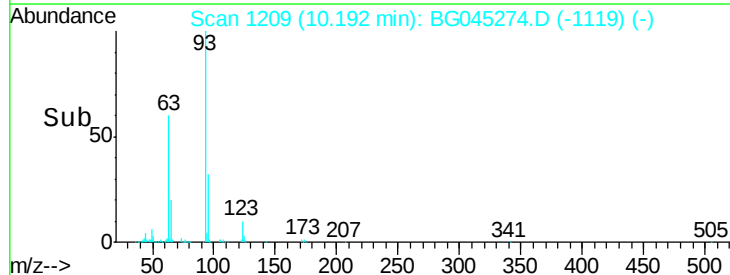
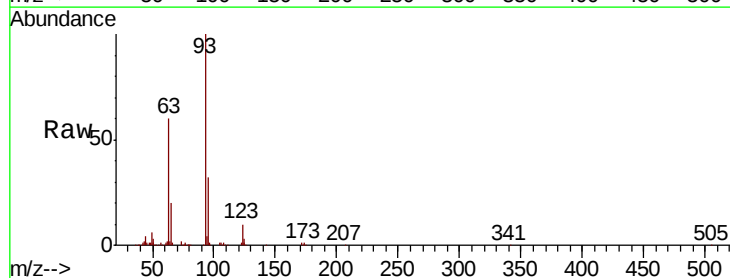
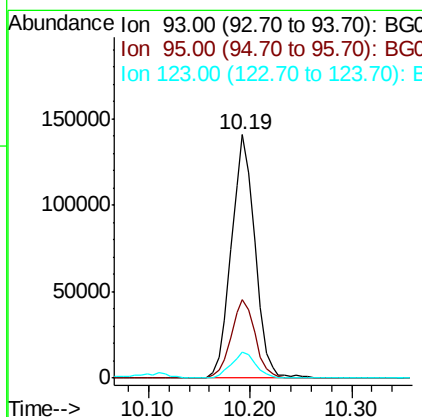
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.614 ng
 RT: 10.19 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	227711		
95	32.4	27.0	40.4	
123	10.5	8.7	13.1	





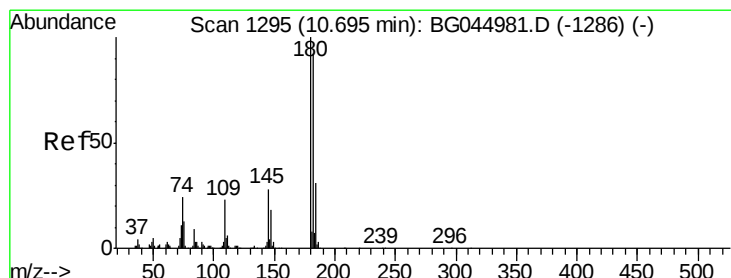
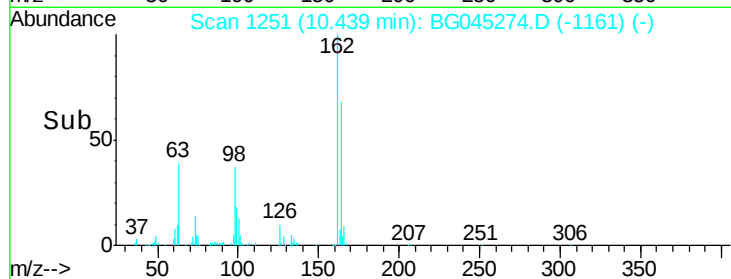
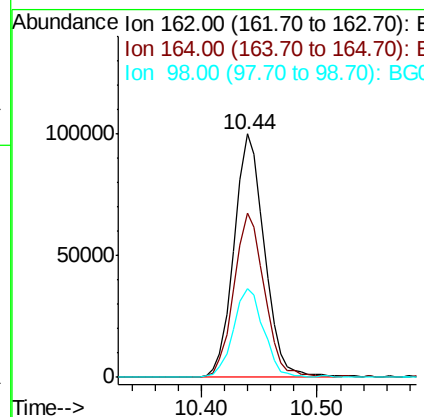
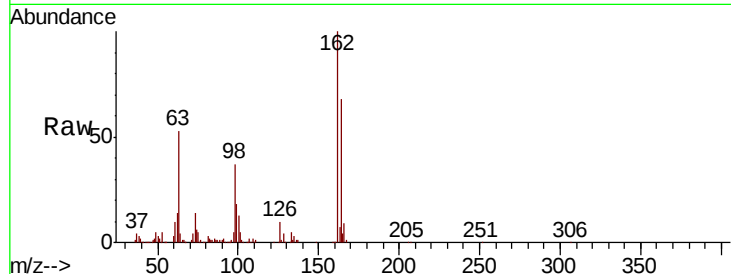
#29
 2,4-Dichlorophenol
 Concen: 42.336 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.7	45.0	85.0
98	36.7	15.2	55.2

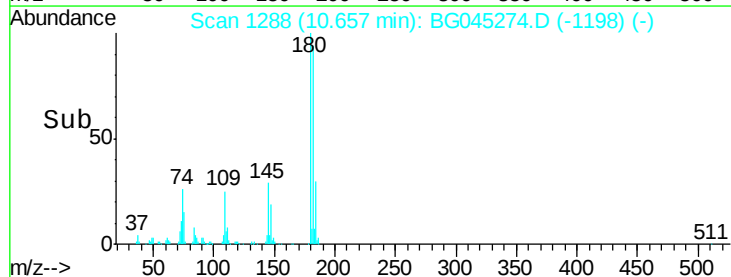
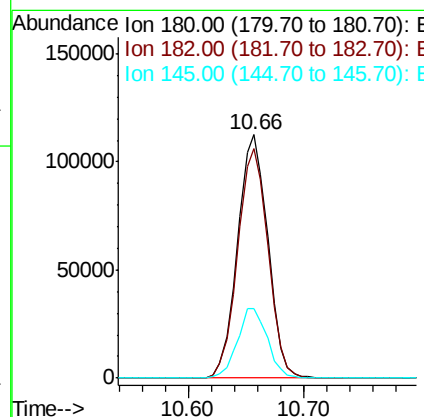
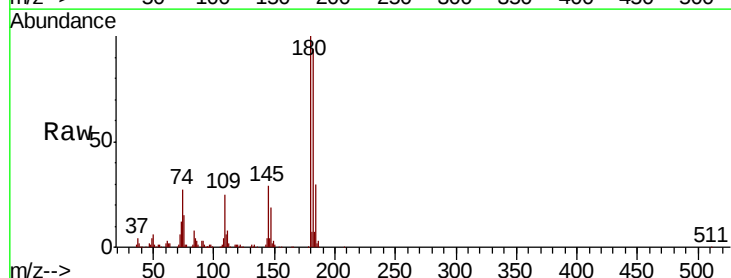
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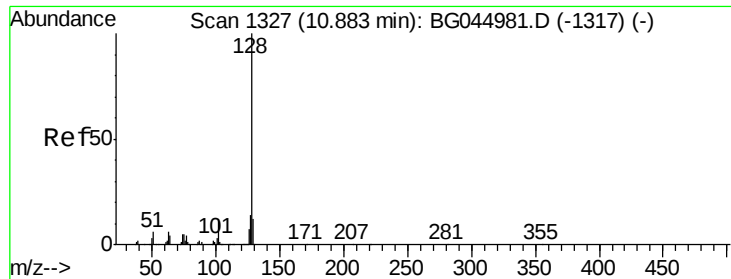
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.681 ng
 RT: 10.66 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	73.3	109.9
145	28.7	22.6	33.8





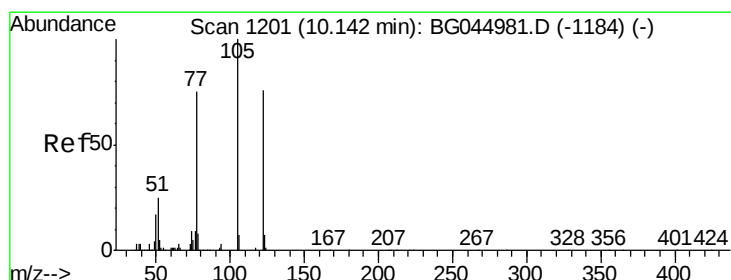
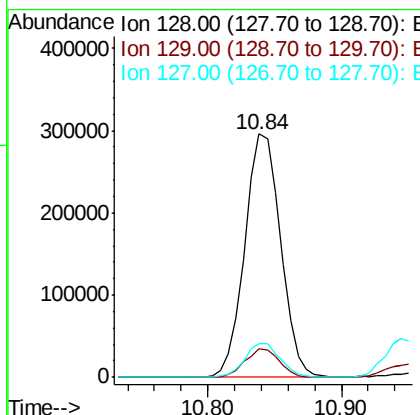
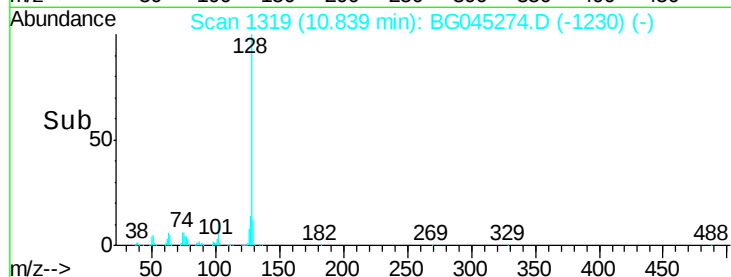
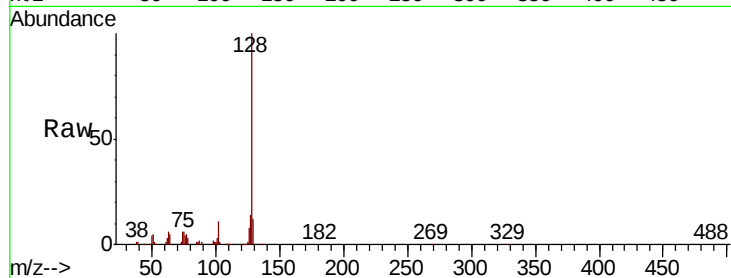
#31
Naphthalene
Concen: 41.136 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.4	14.2	
127	13.8	10.8	16.2	

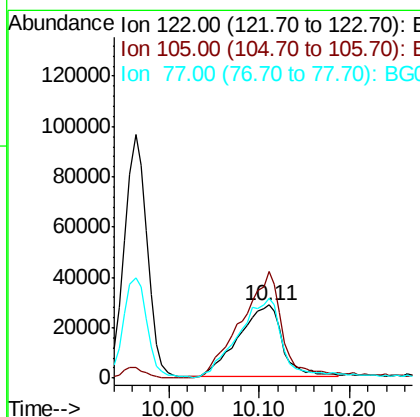
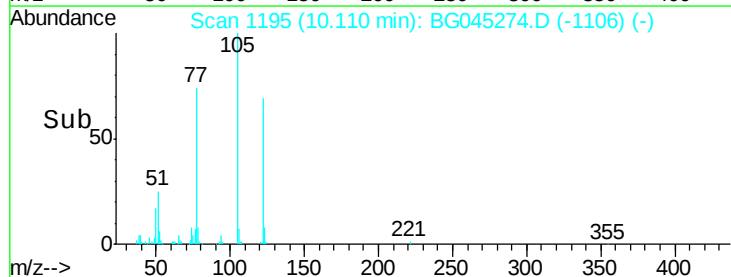
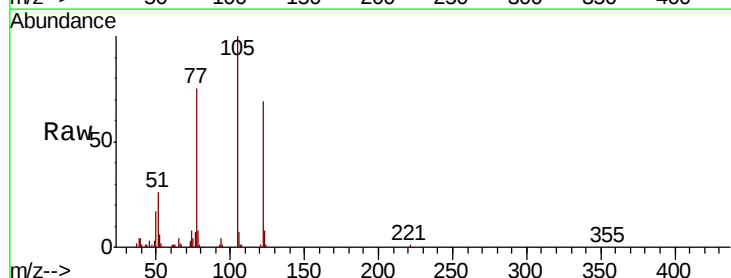
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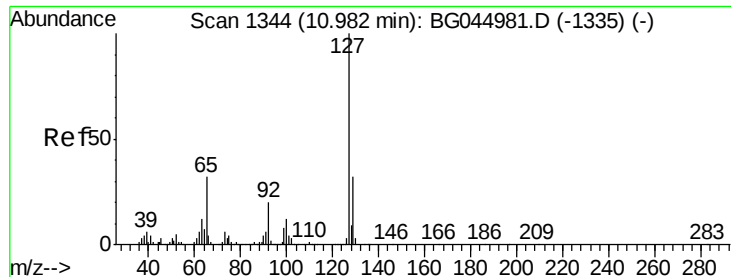
mohammad
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#32
Benzoic acid
Concen: 34.259 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	145.1	108.4	148.4	
77	109.1	78.8	118.8	





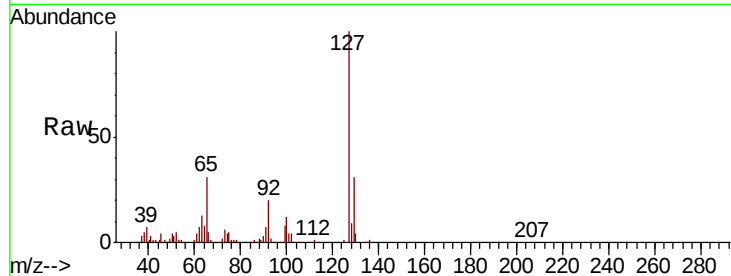
#33
4-Chloroaniline
Concen: 15.142 ng
RT: 10.94 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.7	38.5
65	30.9	25.4	38.2
92	19.8	16.1	24.1

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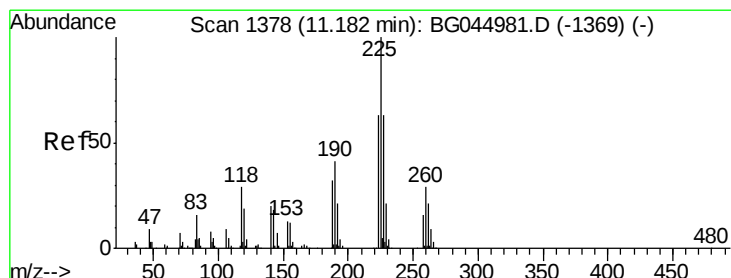
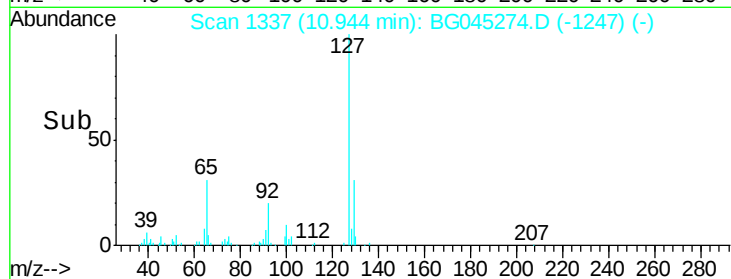
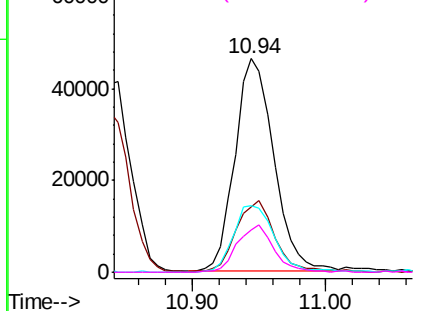
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

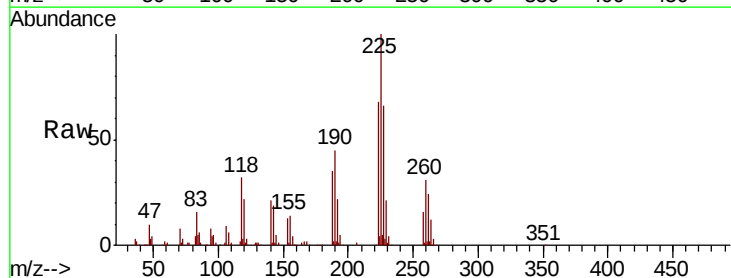
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.677 ng
RT: 11.14 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.0	50.7	76.1
227	66.1	50.2	75.2

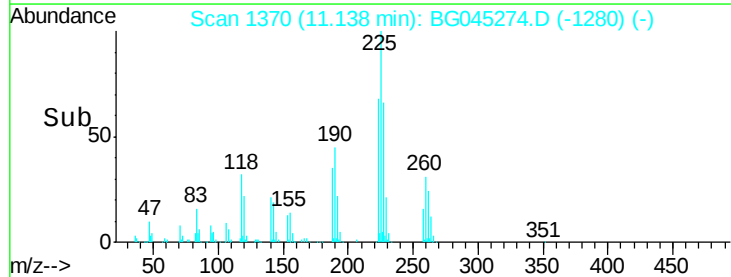
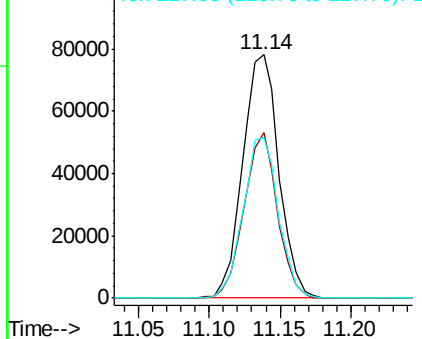


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





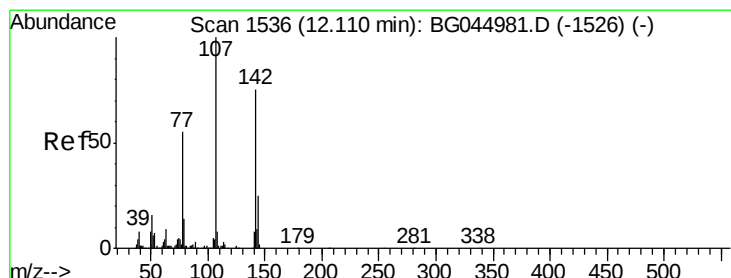
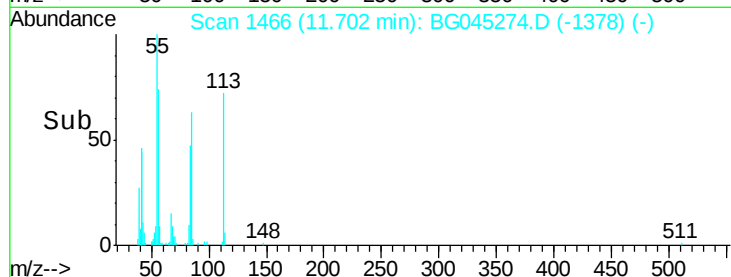
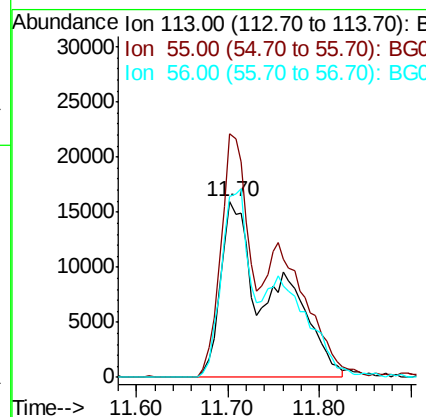
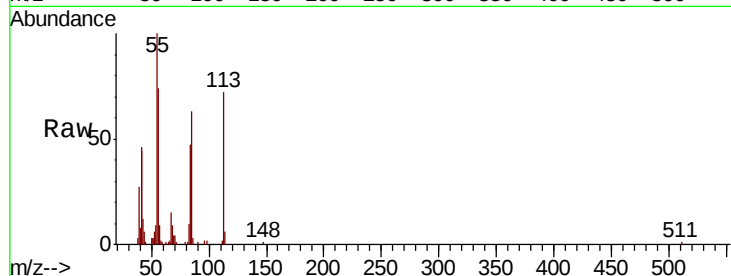
#35
 Caprolactam
 Concen: 37.354 ng/ml
 RT: 11.70 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	138.8	118.8	158.8	
56	102.9	82.6	122.6	

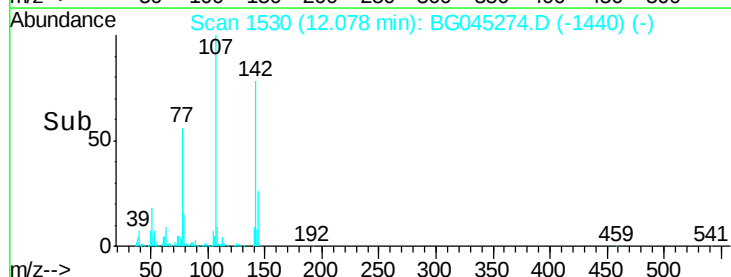
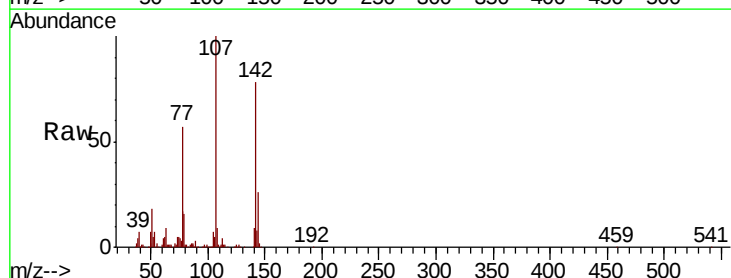
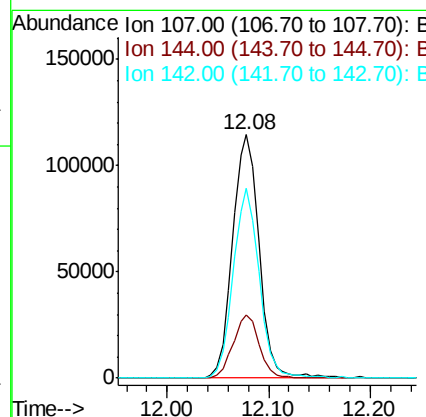
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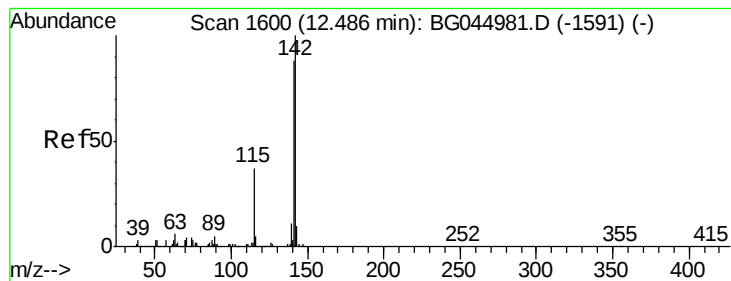
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.937 ng/ml
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.2	19.8	29.6	
142	78.0	59.7	89.5	





#37

2-Methylnaphthalene

Concen: 40.368 ng

RT: 12.45 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

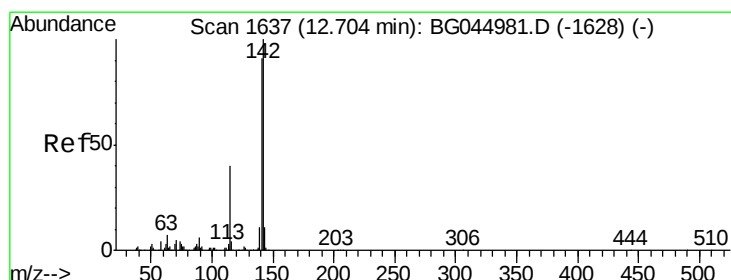
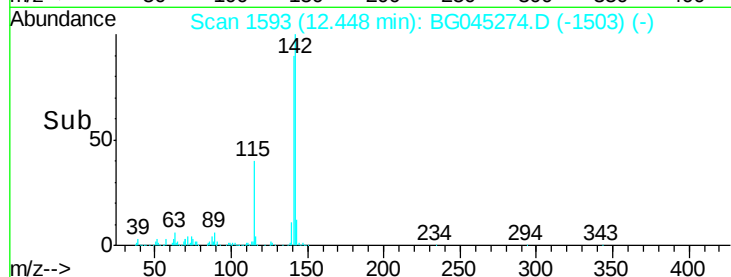
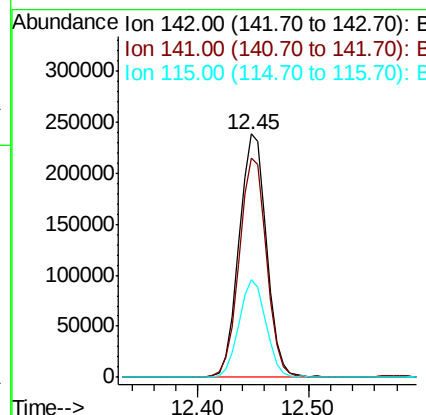
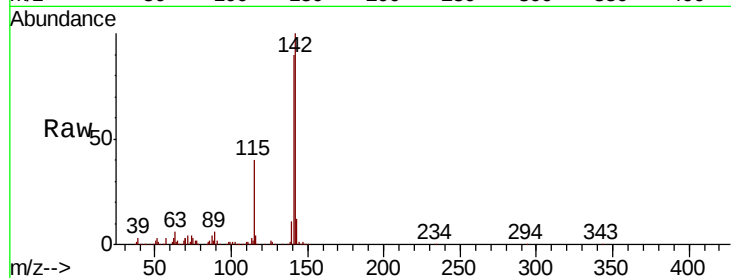
ClientSampleId :

PB128702BS

Tot Ion:	142	Resp:	417821
Ion Ratio	Lower	Upper	
142	100		
141	90.1	70.3	105.5
115	40.0	29.8	44.6

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#38

1-Methylnaphthalene

Concen: 40.361 ng

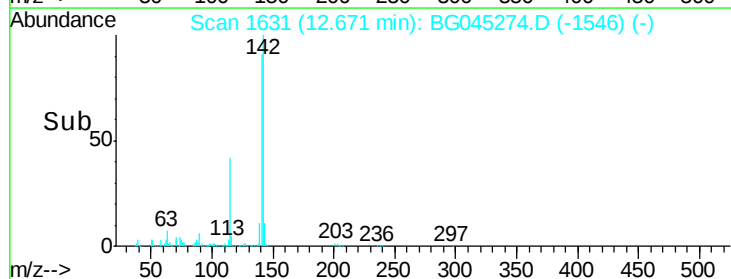
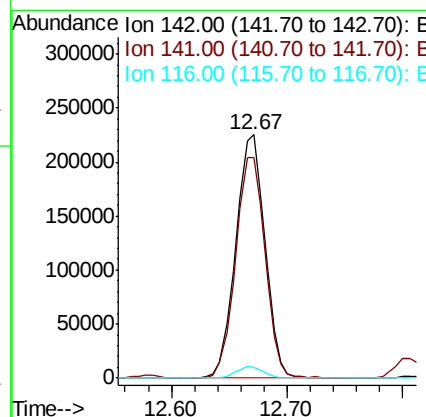
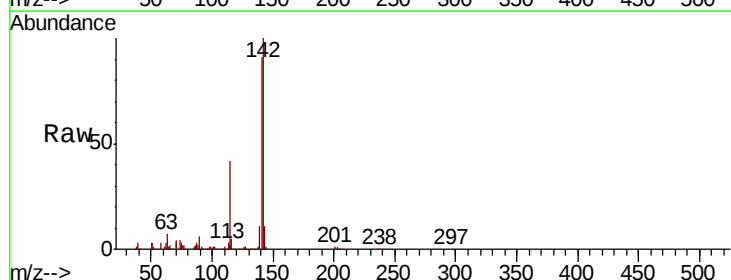
RT: 12.67 min Scan# 1631

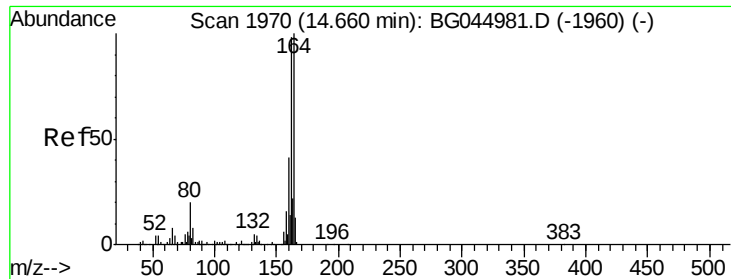
Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	142	Resp:	394378
Ion Ratio	Lower	Upper	
142	100		
141	90.5	72.7	109.1
116	4.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

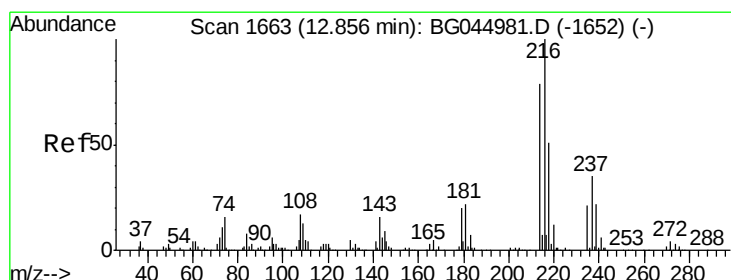
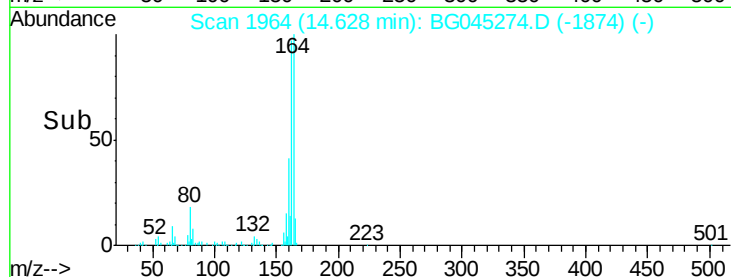
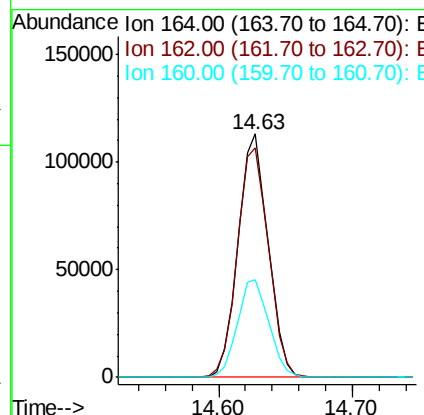
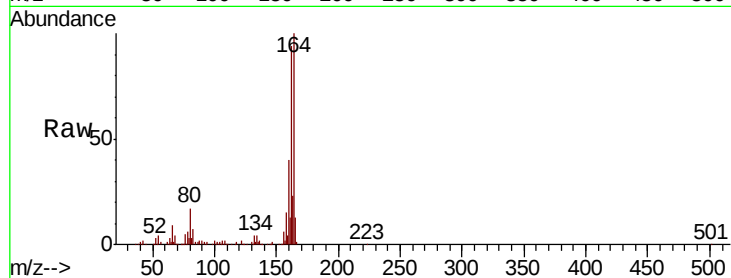
ClientSampleId :

PB128702BS

Tot Ion:	164	Resp:	176393
Ion Ratio	Lower	Upper	
164	100		
162	94.2	78.7	118.1
160	39.9	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.233 ng

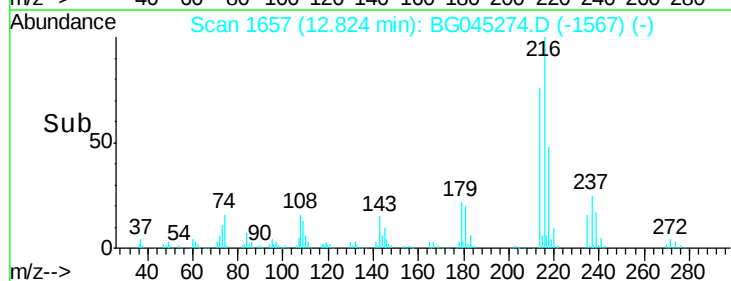
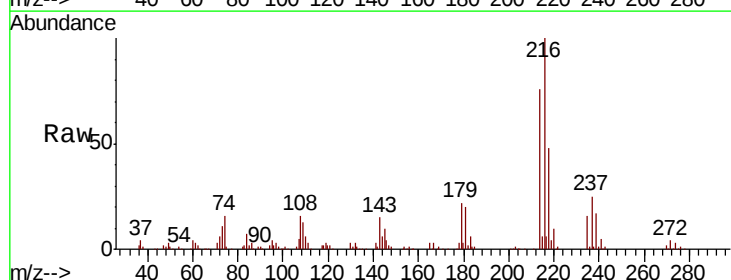
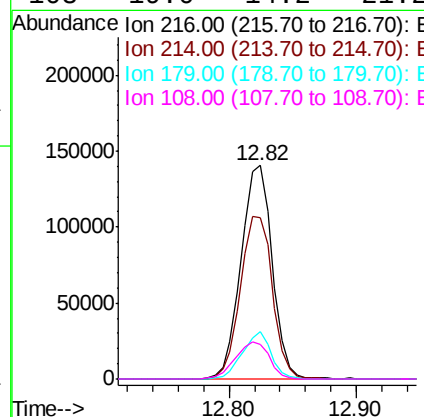
RT: 12.82 min Scan# 1657

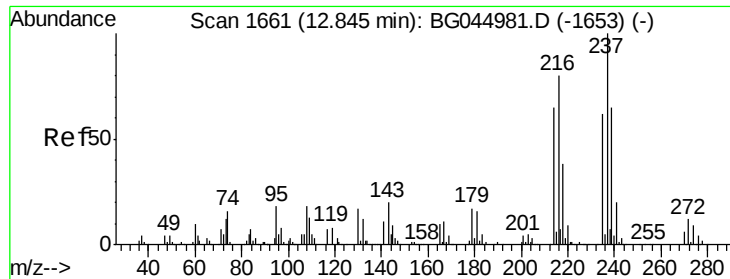
Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	216	Resp:	239855
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.0	94.6
179	20.2	15.8	23.8
108	19.0	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 75.763 ng

RT: 12.81 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

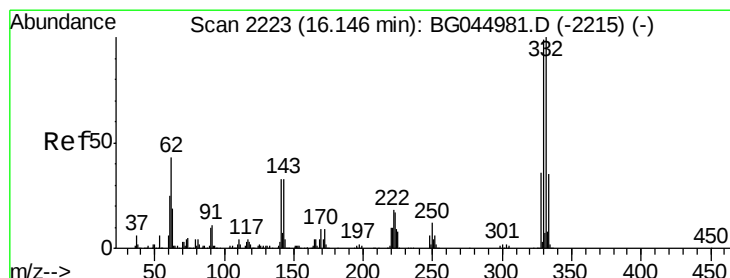
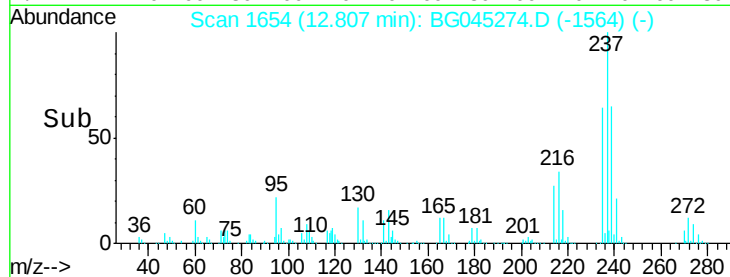
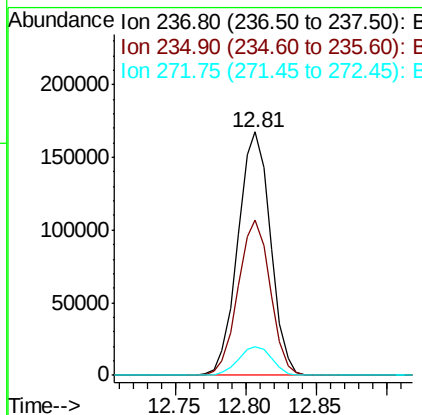
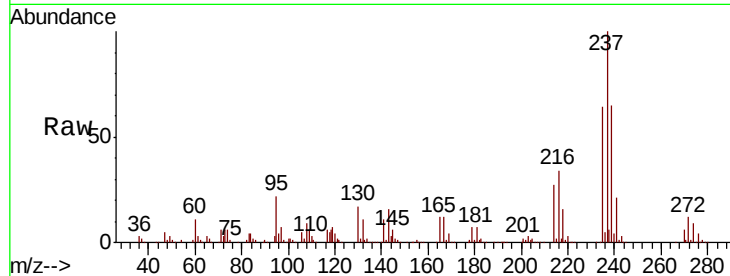
ClientSampleId :

PB128702BS

Tot Ion:	237	Resp:	268937
Ion Ratio		Lower	Upper
237	100		
235	64.0	41.6	81.6
272	11.7	0.0	32.1

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#42

2,4,6-Tribromophenol

Concen: 126.609 ng

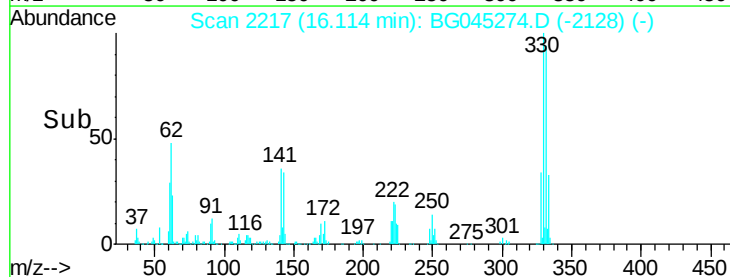
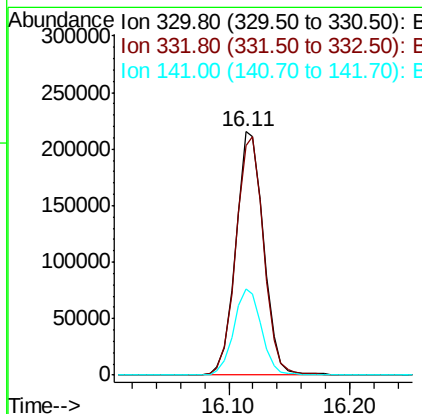
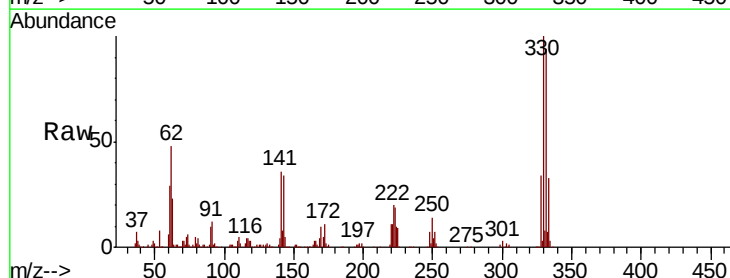
RT: 16.11 min Scan# 2217

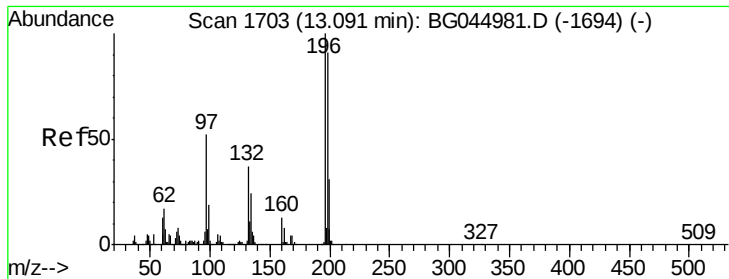
Delta R.T. -0.01 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	330	Resp:	345014
Ion Ratio		Lower	Upper
330	100		
332	97.4	79.1	118.7
141	35.3	27.1	40.7





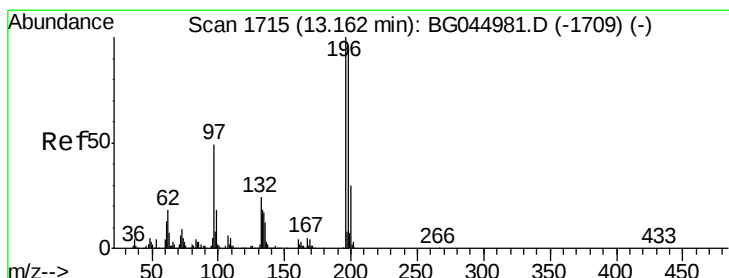
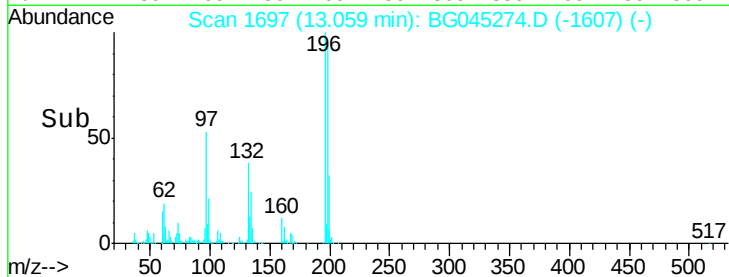
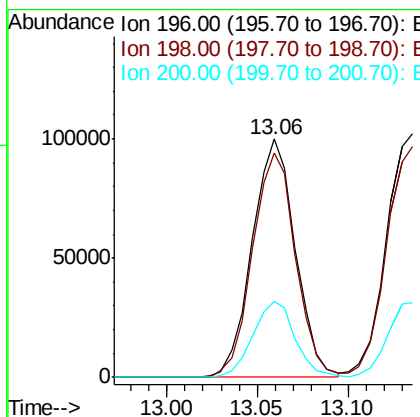
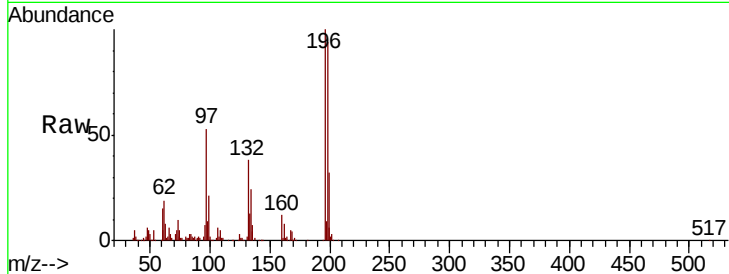
#43
 2,4,6-Trichlorophenol
 Concen: 41.383 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165875		
198	94.0	72.5	108.7	
200	31.8	24.5	36.7	

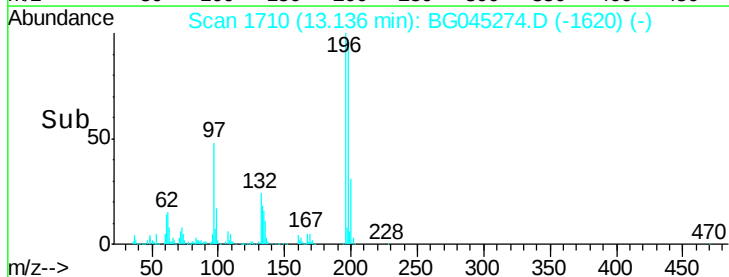
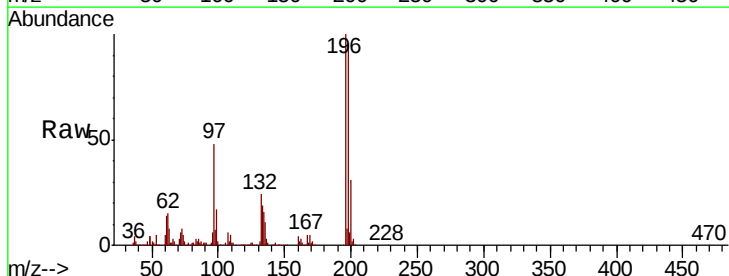
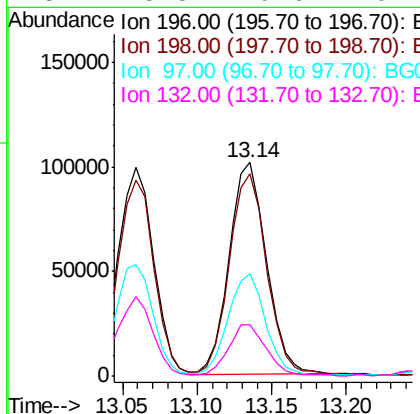
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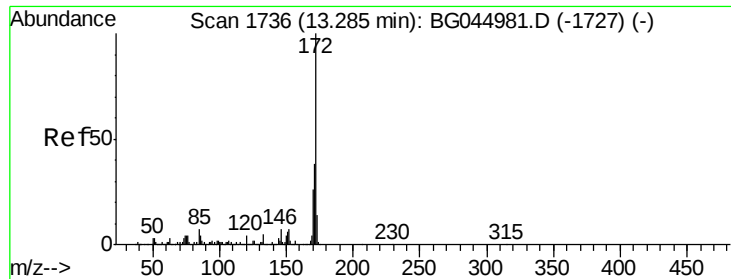
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.987 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177880		
198	94.8	75.7	113.5	
97	47.7	39.6	59.4	
132	23.8	19.6	29.4	





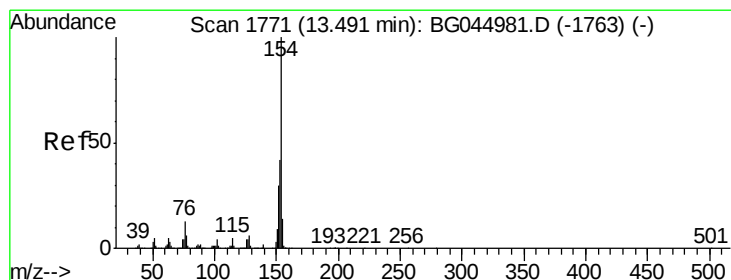
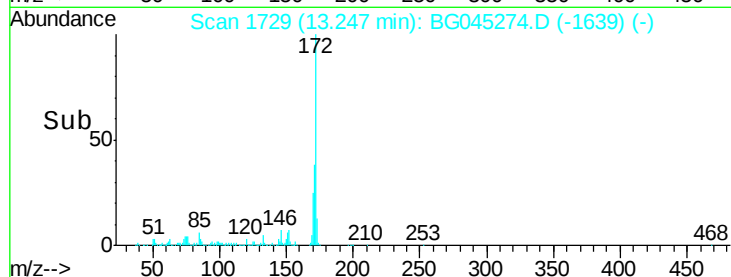
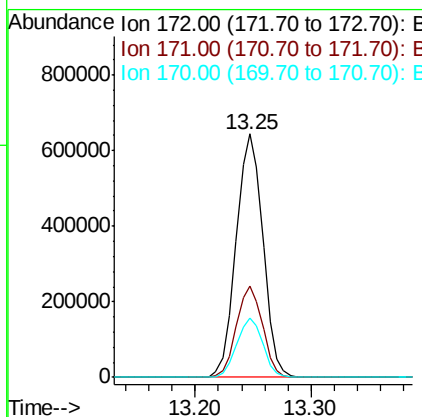
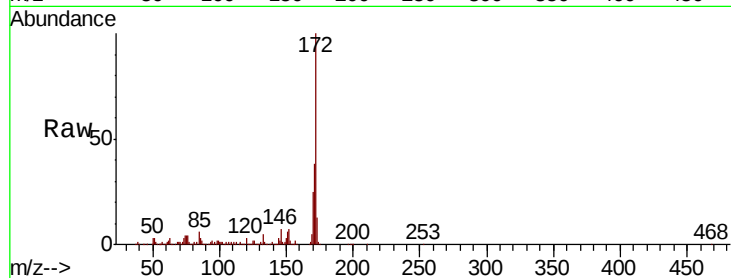
#45
2-Fluorobiphenyl
Concen: 85.726 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.6	46.0
170	24.6	20.5	30.7

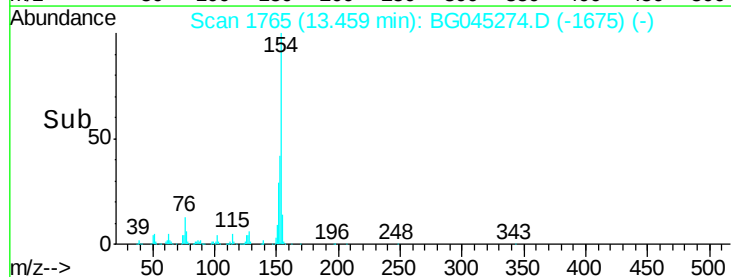
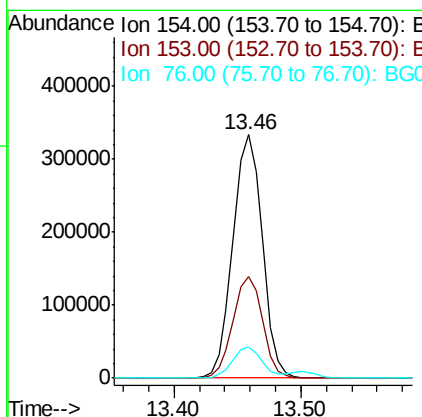
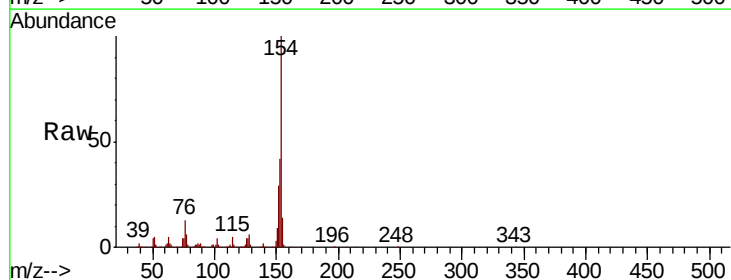
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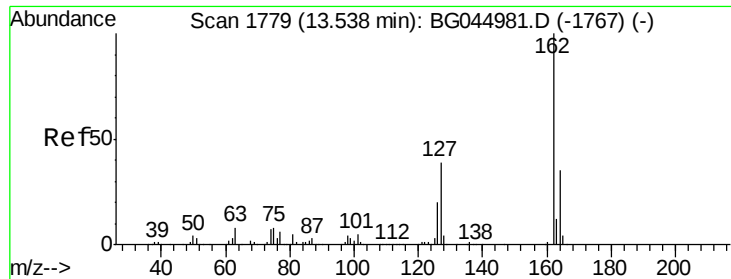
mohammad
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#46
1,1'-Biphenyl
Concen: 39.949 ng
RT: 13.46 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	12.7	0.0	33.1





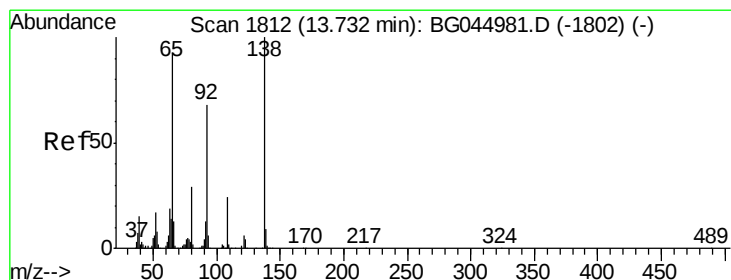
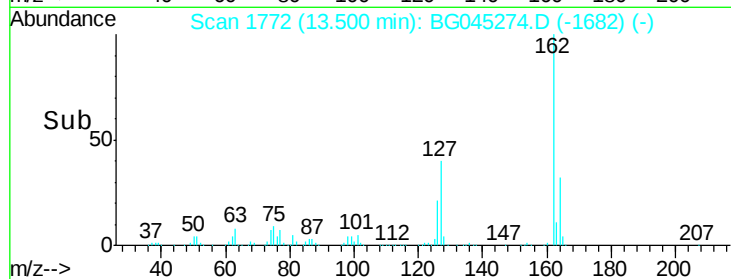
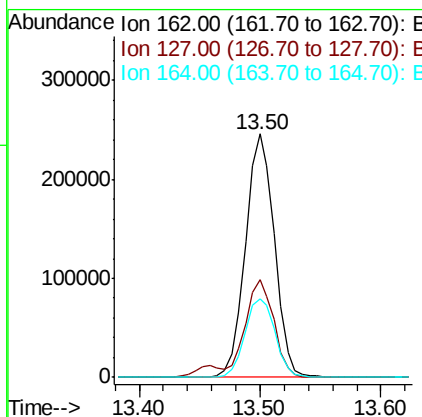
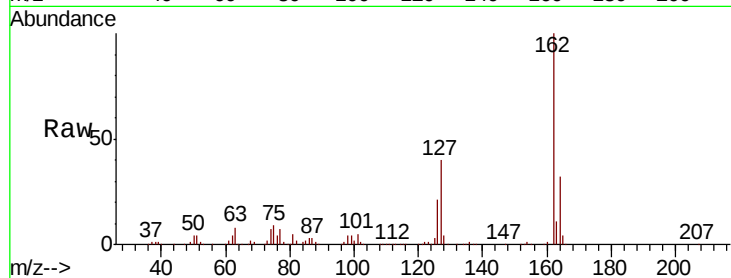
#47
2-Chloronaphthalene
Concen: 40.108 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.3	46.9
164	32.0	27.8	41.8

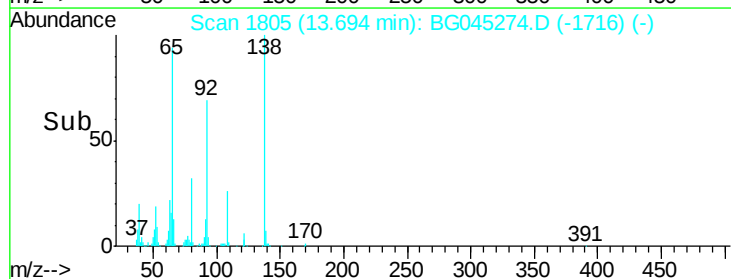
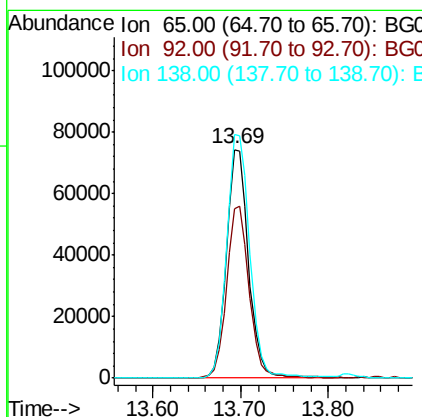
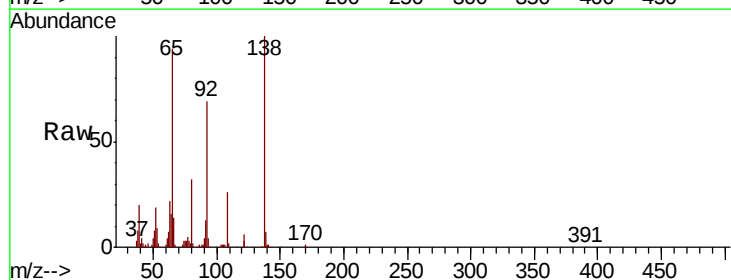
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#48
2-Nitroaniline
Concen: 38.357 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	58.3	87.5
138	106.6	85.6	128.4





#49

Acenaphthylene

Concen: 41.292 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

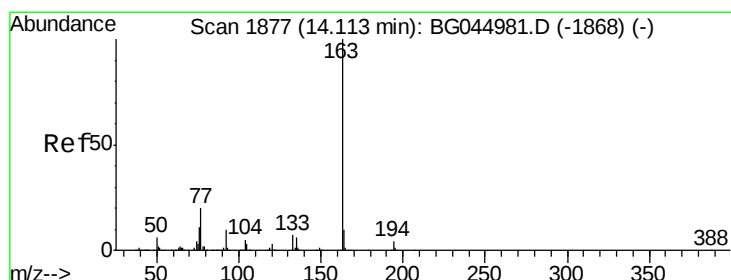
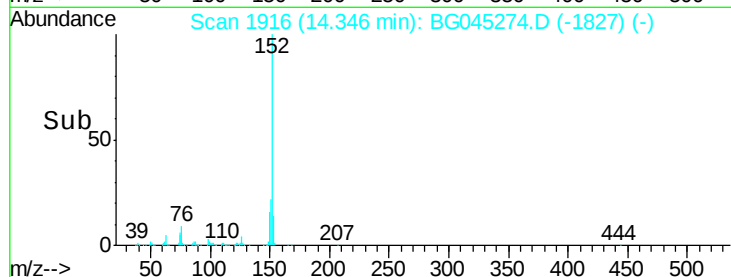
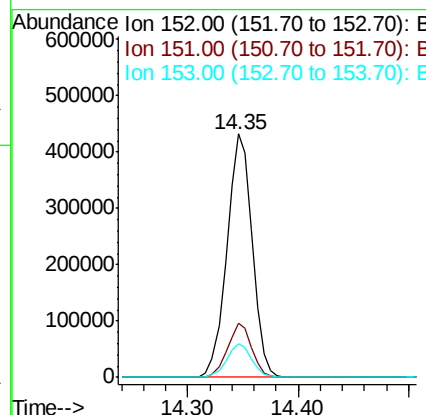
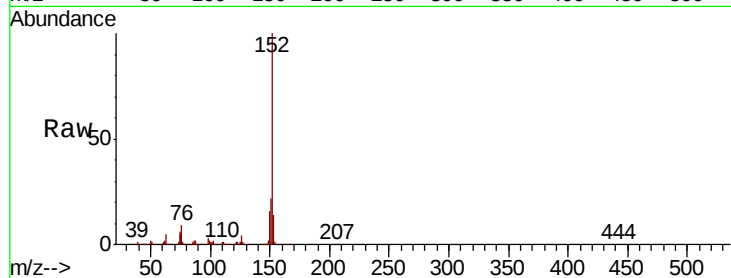
ClientSampleId :

PB128702BS

Tot Ion:	152	Resp:	689017
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.2	25.8
153	14.1	11.0	16.4

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#50

Dimethylphthalate

Concen: 38.875 ng

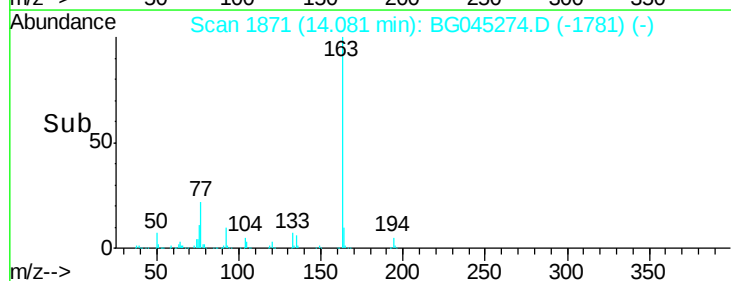
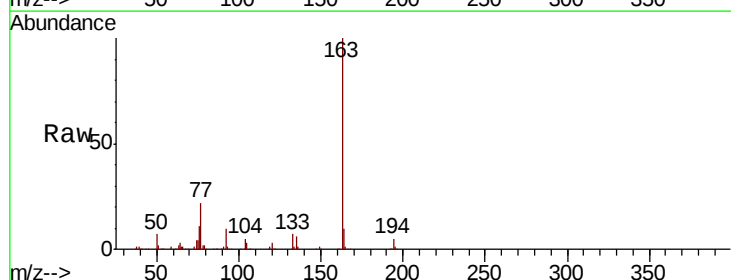
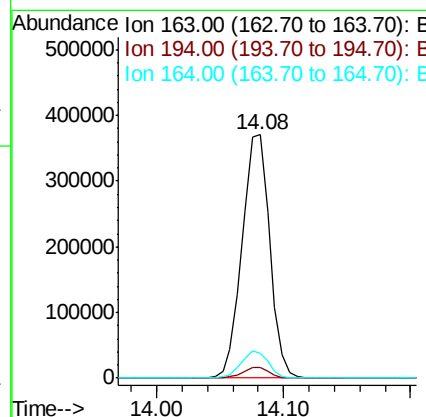
RT: 14.08 min Scan# 1871

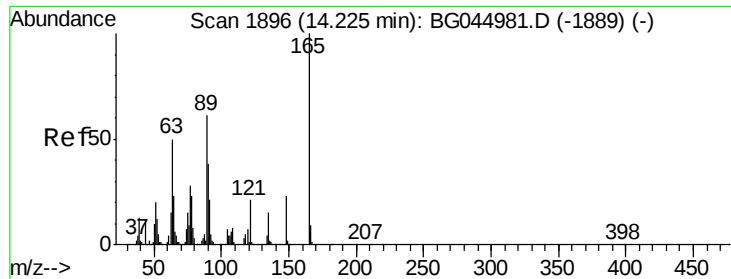
Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	163	Resp:	558352
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.2	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 40.155 ng

RT: 14.19 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

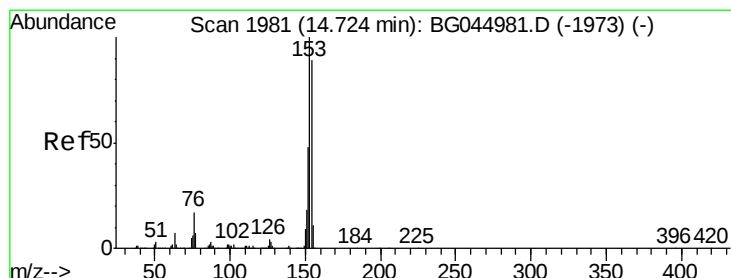
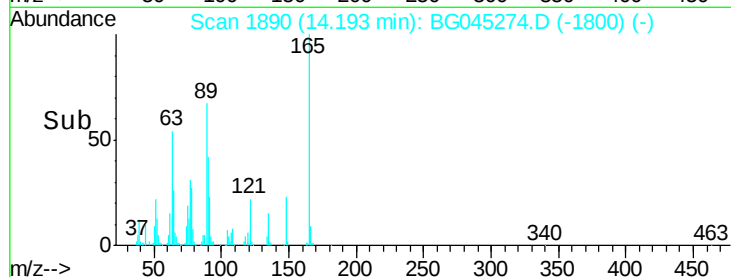
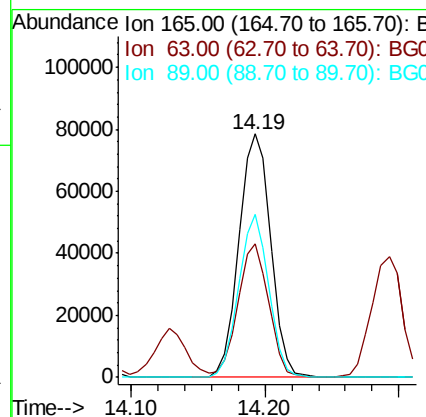
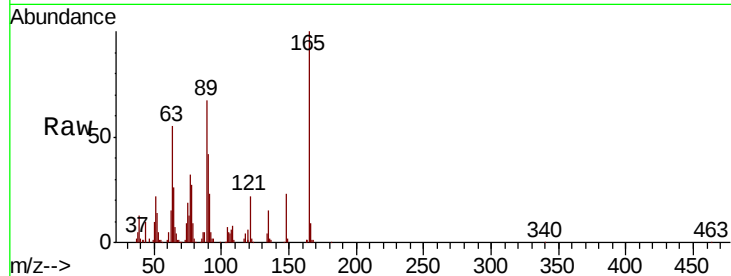
ClientSampleId :

PB128702BS

Tot Ion:	165	Resp:	129000
Ion Ratio	Lower	Upper	
165	100		
63	54.7	40.4	60.6
89	66.8	49.1	73.7

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#52

Acenaphthene

Concen: 44.614 ng m

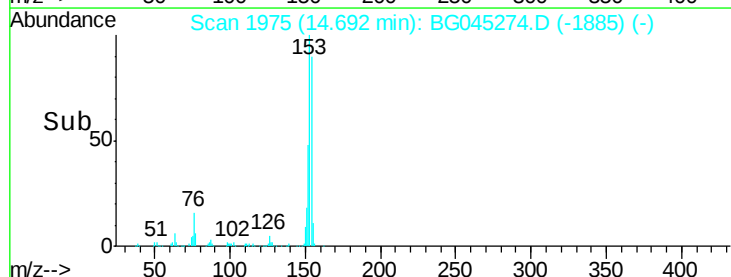
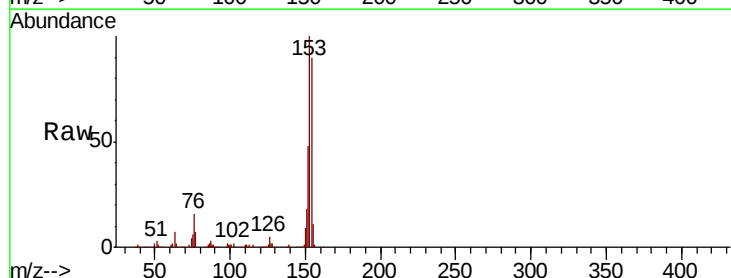
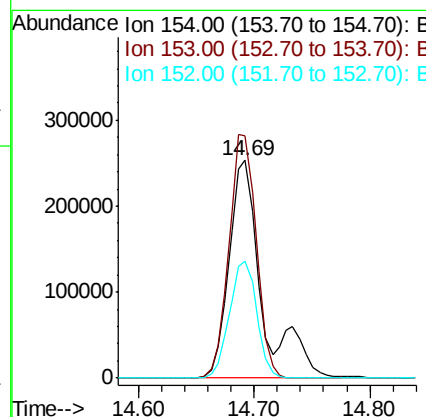
RT: 14.69 min Scan# 1975

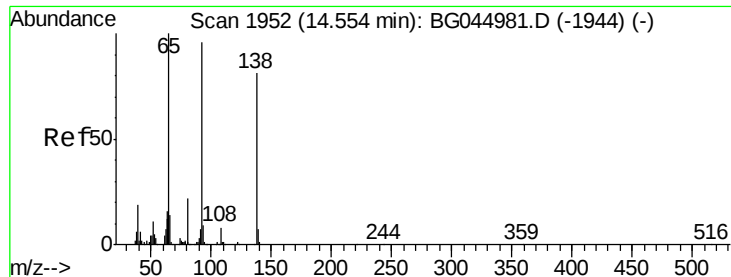
Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	154	Resp:	503702
Ion Ratio	Lower	Upper	
154	100		
153	111.6	89.7	134.5
152	53.7	43.1	64.7





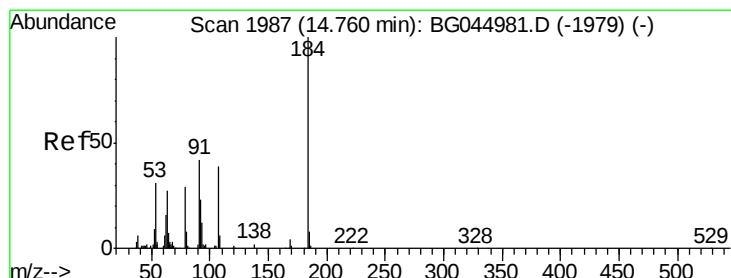
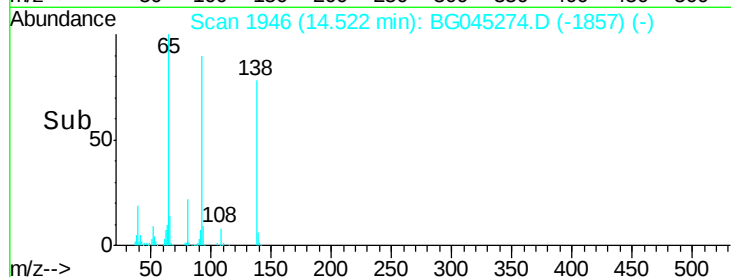
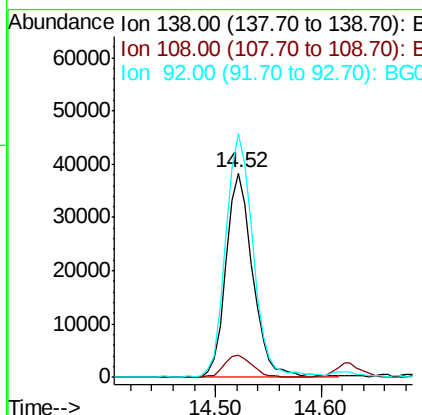
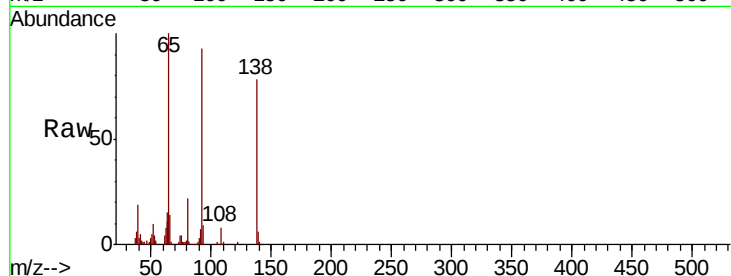
#53
 3-Nitroaniline
 Concen: 19.159 ng
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.8	11.8
92	119.0	94.5	141.7

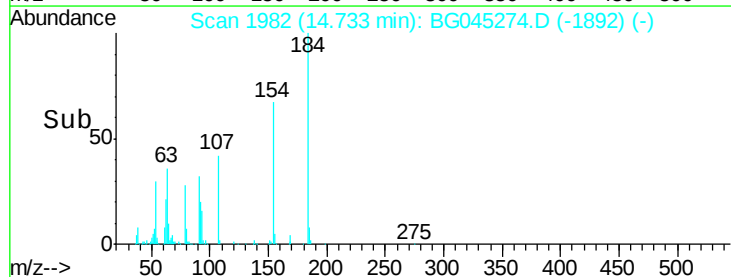
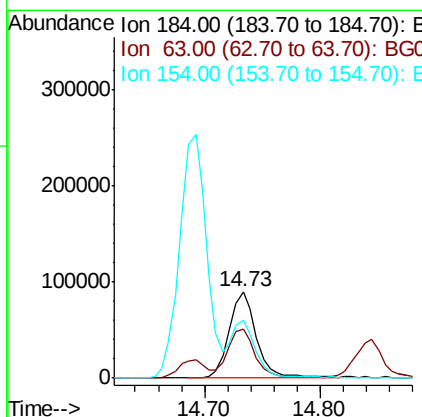
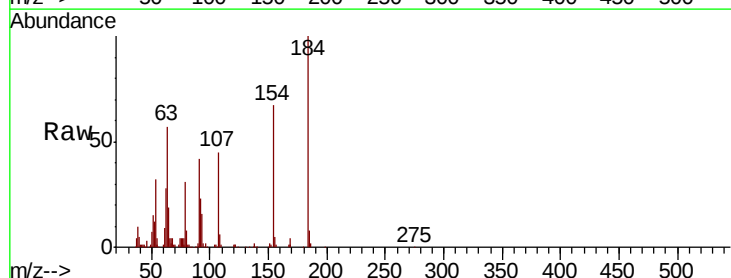
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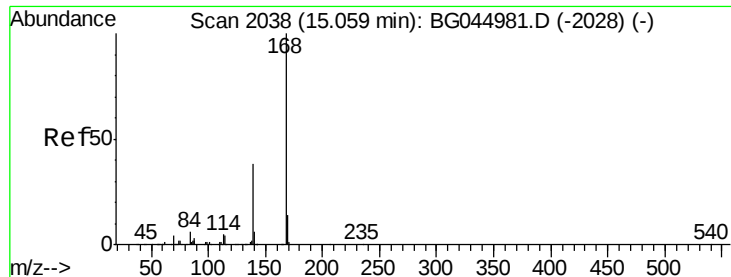
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 76.818 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.4	41.5	62.3
154	67.3	52.3	78.5





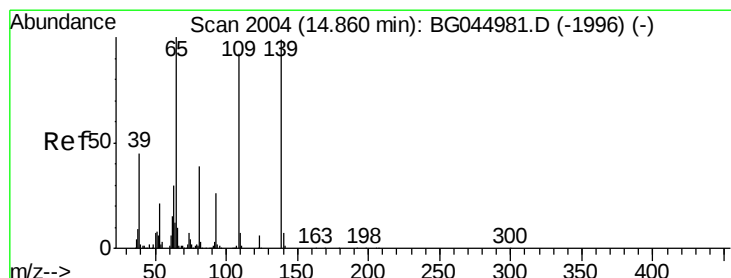
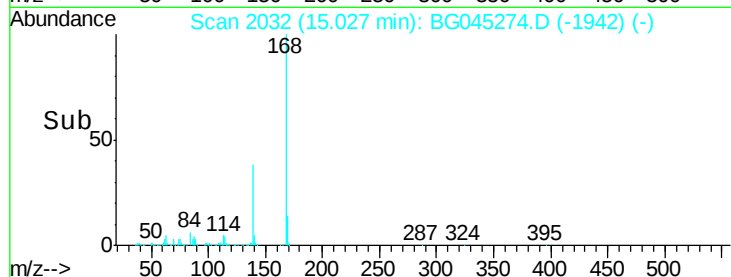
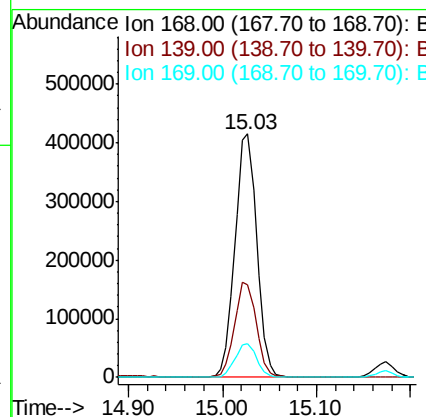
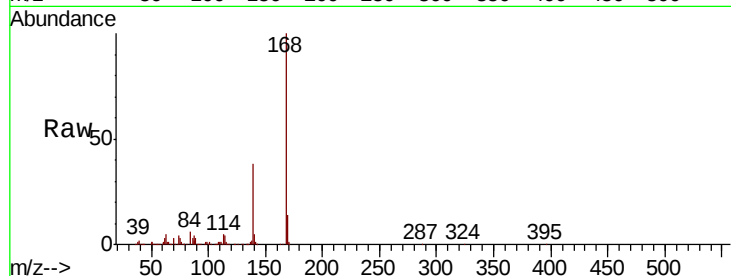
#55
Dibenzenofuran
Concen: 40.720 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.4	45.6
169	14.0	11.0	16.4

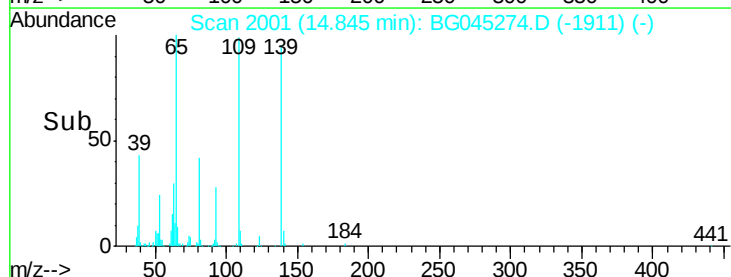
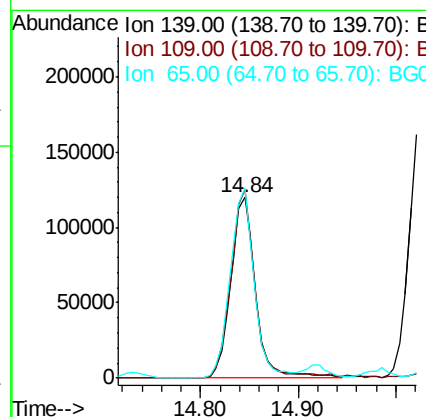
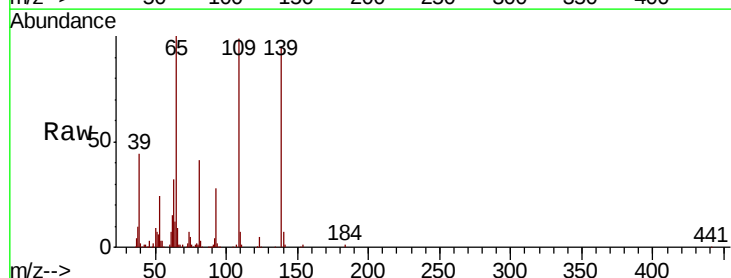
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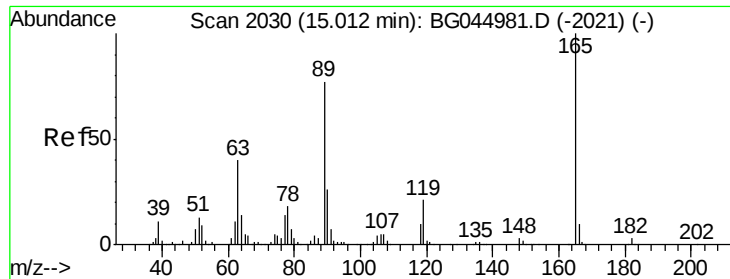
mohammad
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#56
4-Nitrophenol
Concen: 77.244 ng
RT: 14.84 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.4	73.6	113.6
65	105.1	81.2	121.2





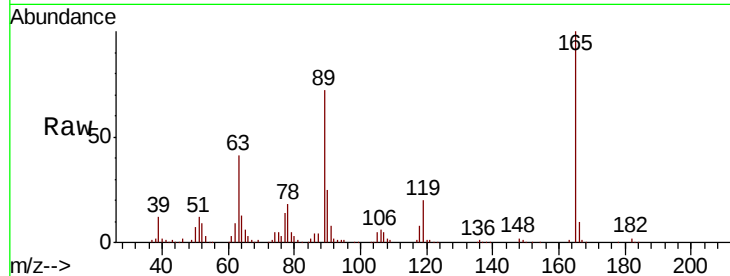
#57
2,4-Dinitrotoluene
Concen: 39.295 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

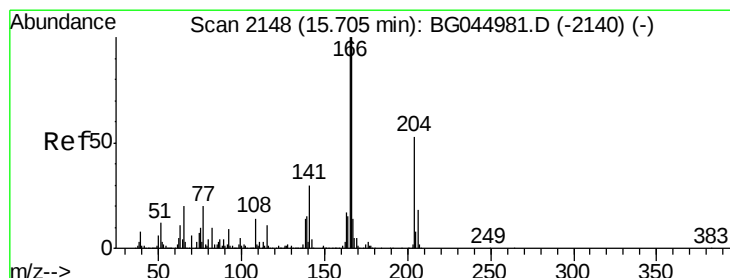
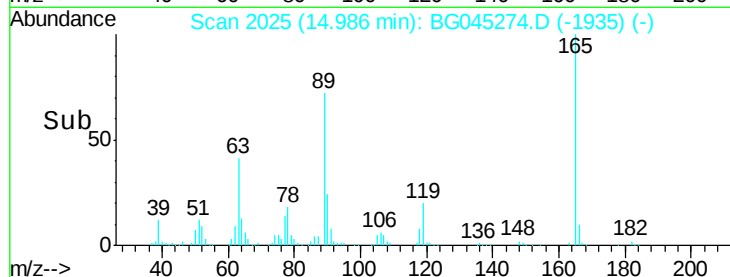
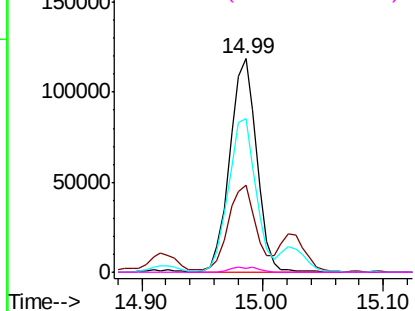
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		184480		
63	40.7	32.2	48.2		
89	72.1	61.7	92.5		
182	2.1	2.0	3.0		

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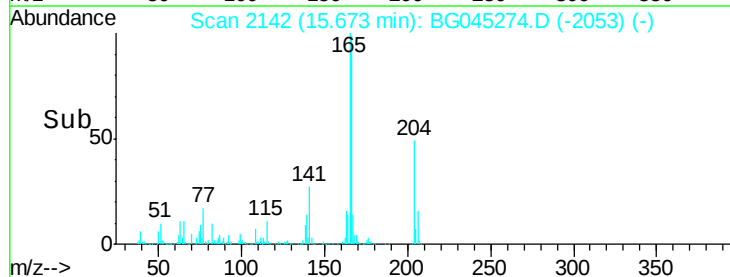
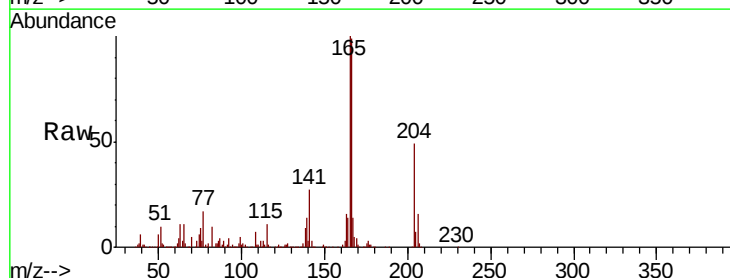
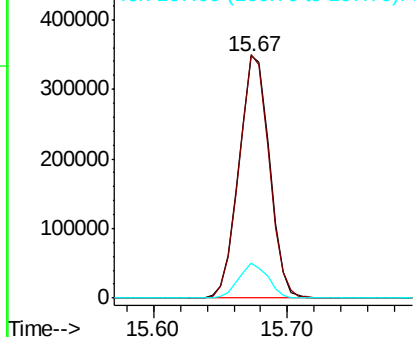
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

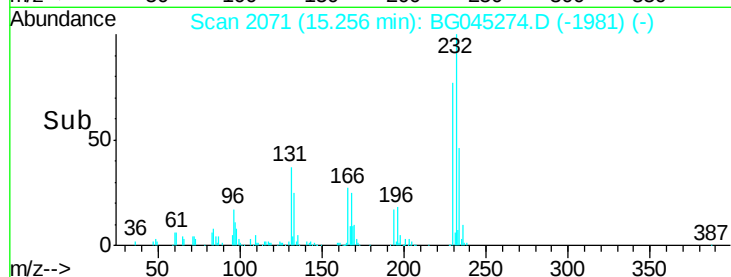
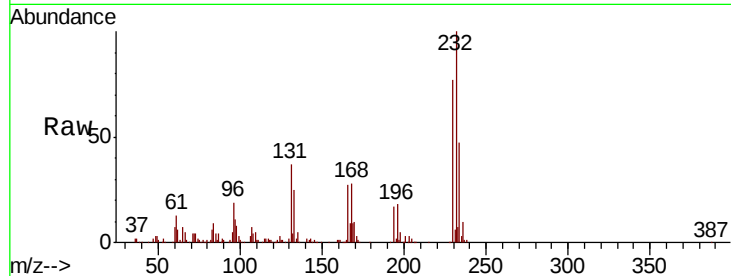
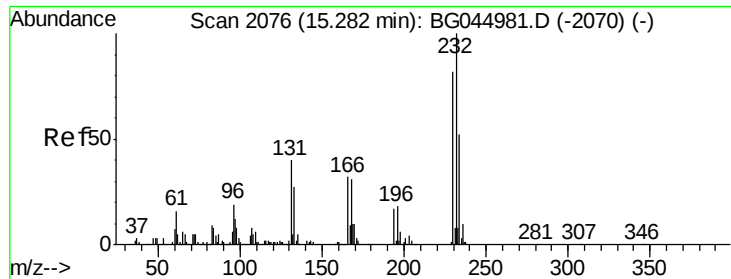


#58
Fluorene
Concen: 40.998 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		551208		
165	100.6	79.9	119.9		
167	14.4	11.4	17.0		

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





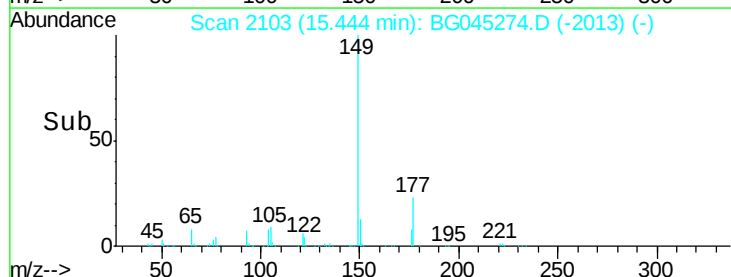
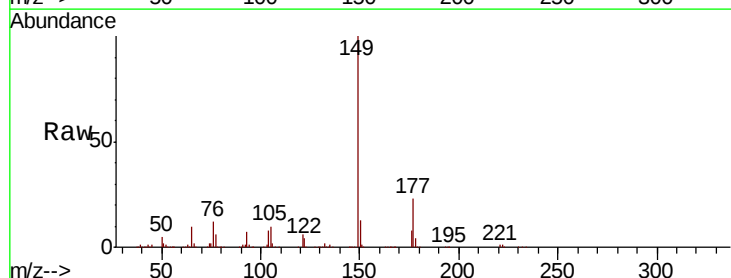
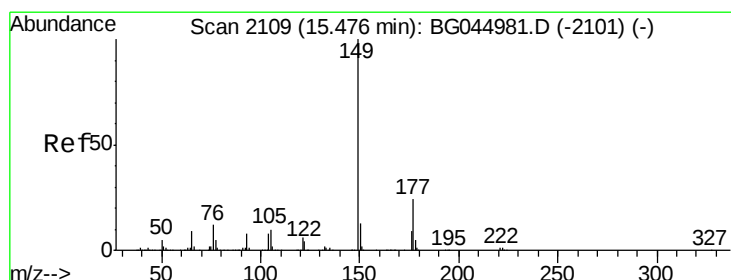
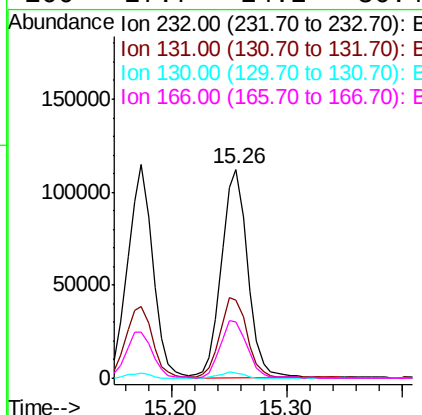
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.730 ng
RT: 15.26 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	177526		
131	39.6		32.2	48.2
130	2.6		2.2	3.2
166	27.7		24.2	36.4

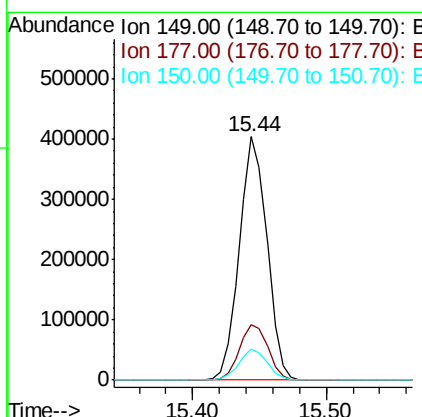
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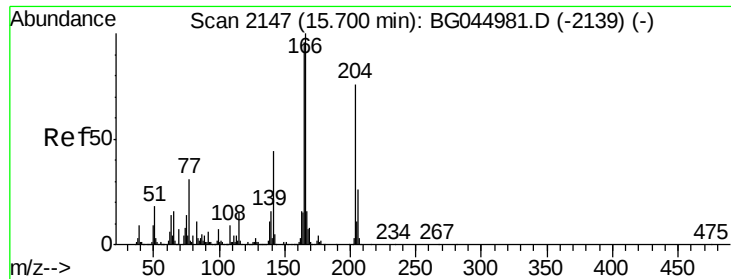
mohammad
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#60
Diethylphthalate
Concen: 38.534 ng
RT: 15.44 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	577031		
177	22.9		18.9	28.3
150	12.5		10.6	15.8





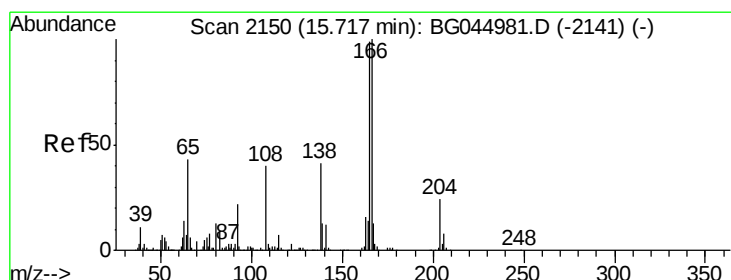
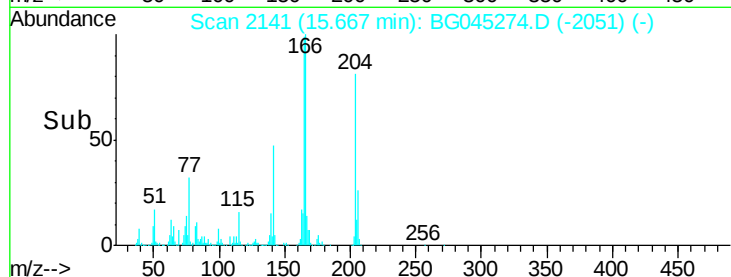
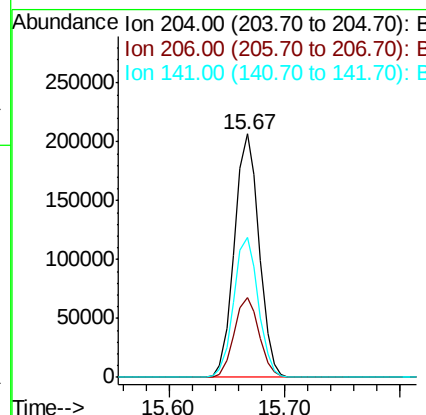
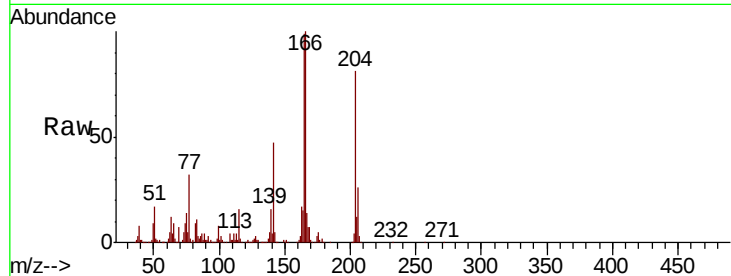
#61
 4-Chlorophenyl-phenylether
 Concen: 39.589 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Instrument :
 BNA_G
 ClientSampleID :
 PB128702BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.6	26.9	40.3	
141	57.6	46.3	69.5	

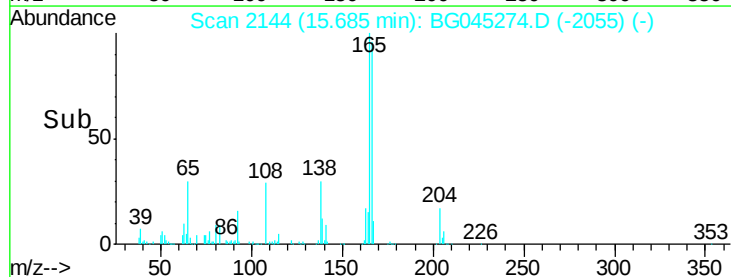
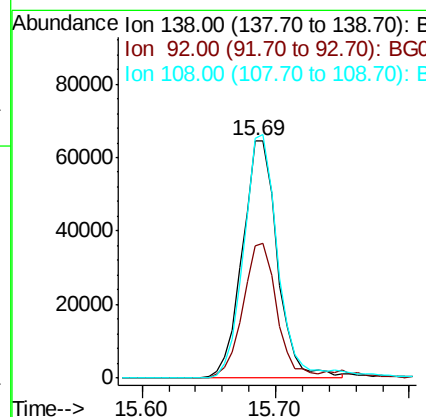
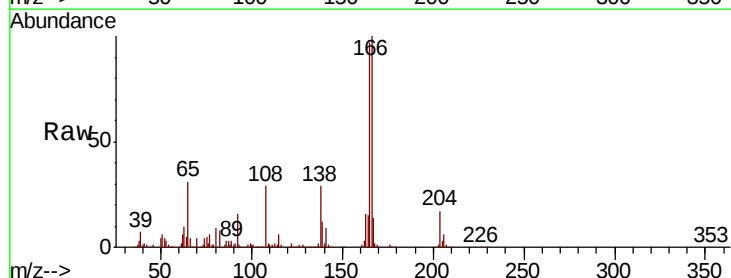
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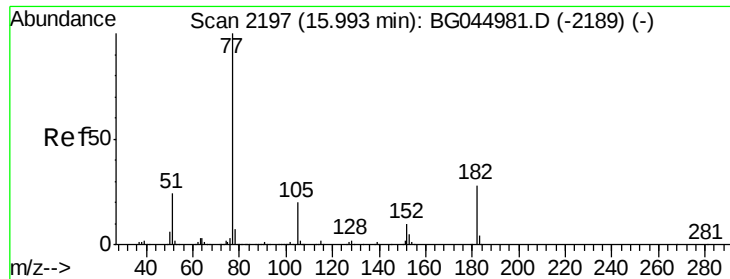
mohammad
 5/8/2020 1:00:09 PM



#62
 4-Nitroaniline
 Concen: 31.917 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.7	33.6	73.6	
108	101.1	78.2	118.2	





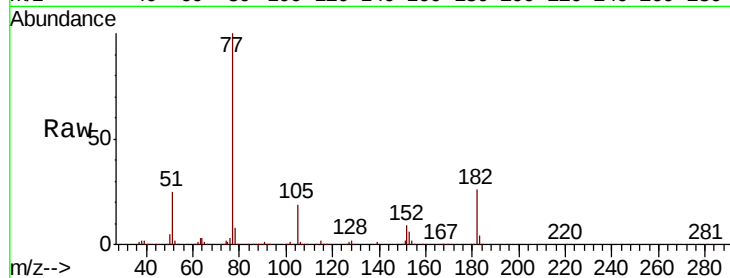
#63
Azobenzene
Concen: 40.162 ng
RT: 15.96 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

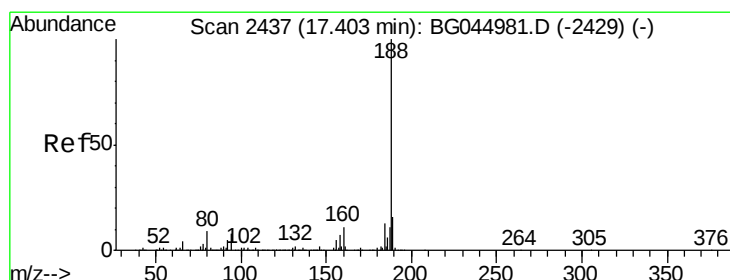
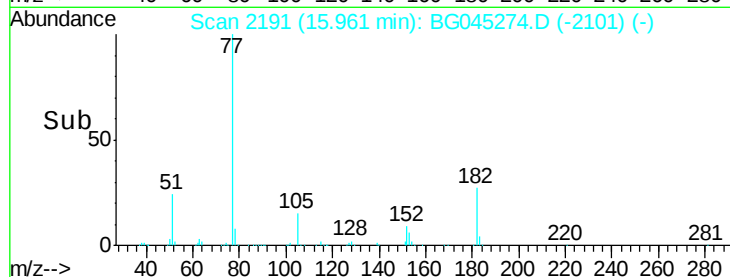
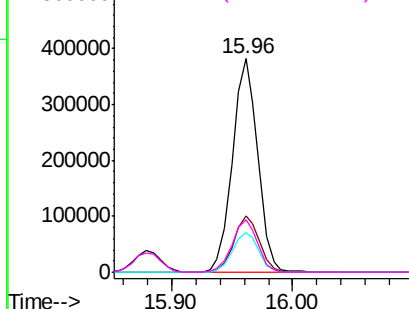
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.1	8.4	48.4		
105	18.6	0.5	40.5		
51	24.6	4.4	44.4		

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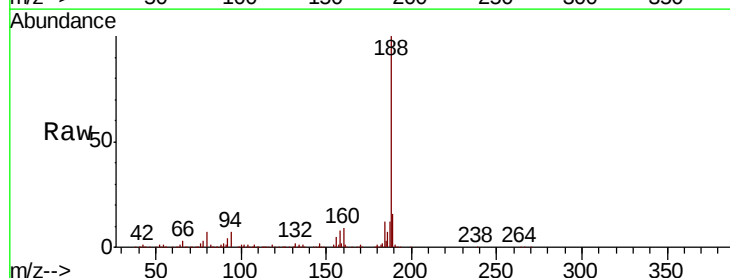


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

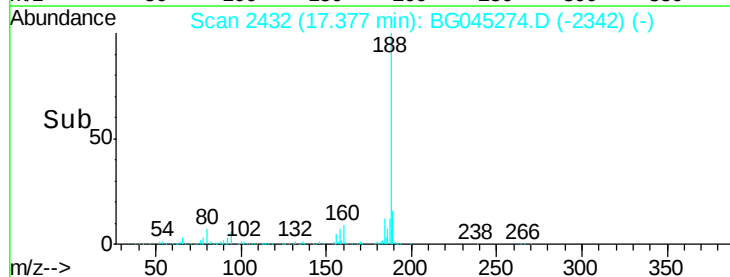
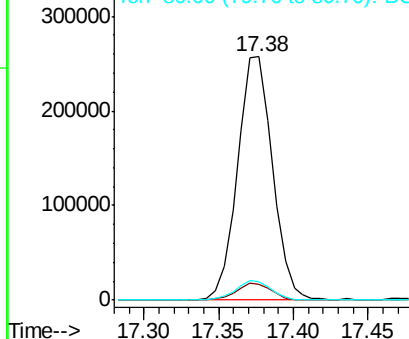


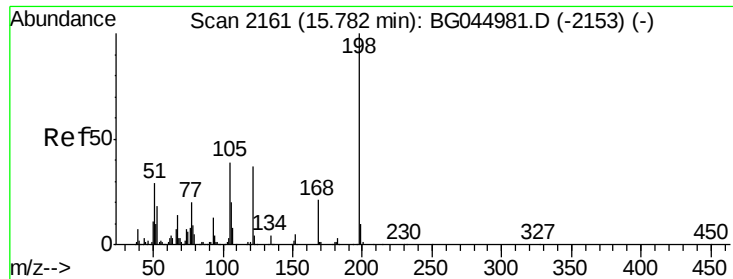
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.6	6.2	9.4		
80	7.3	7.0	10.6		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.704 ng

RT: 15.76 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

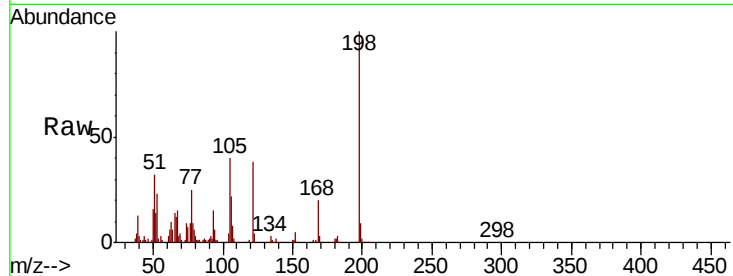
ClientSampleId :

PB128702BS

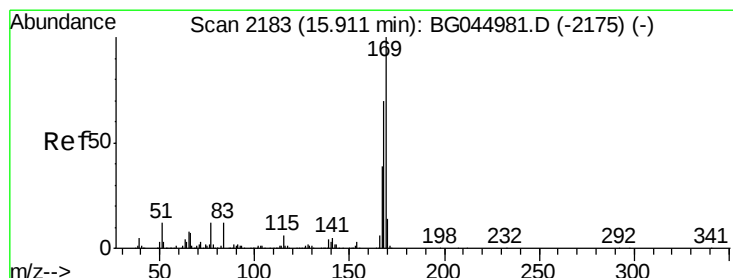
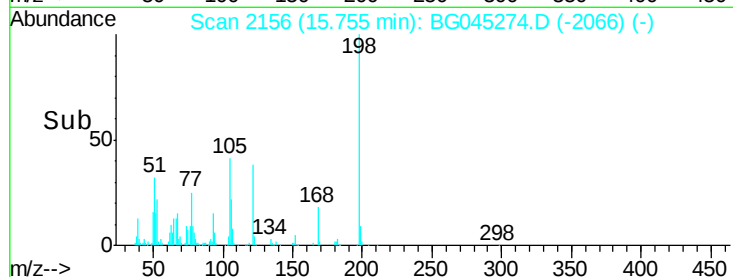
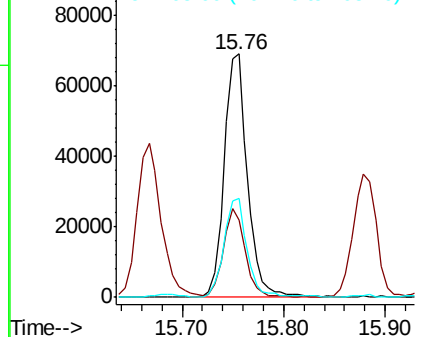
Tot Ion:	198	Resp:	109382
Ion Ratio	Lower	Upper	
198	100		
51	31.8	10.0	50.0
105	40.4	18.9	58.9

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.967 ng

RT: 15.88 min Scan# 2177

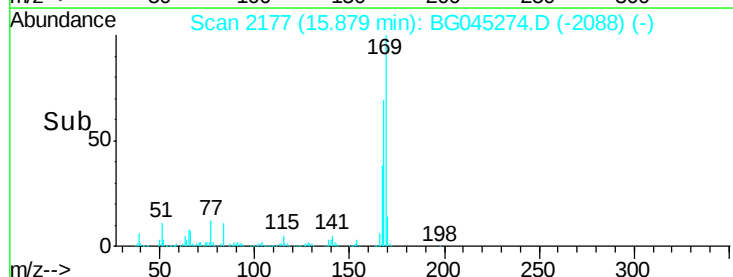
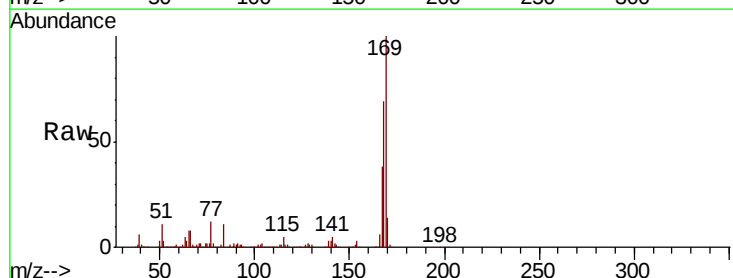
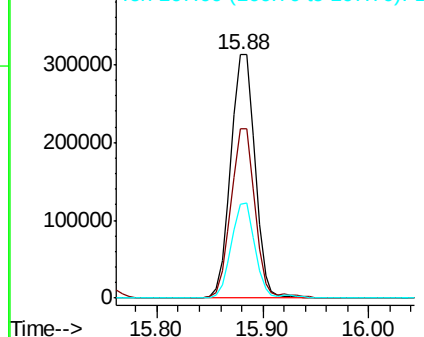
Delta R.T. -0.01 min

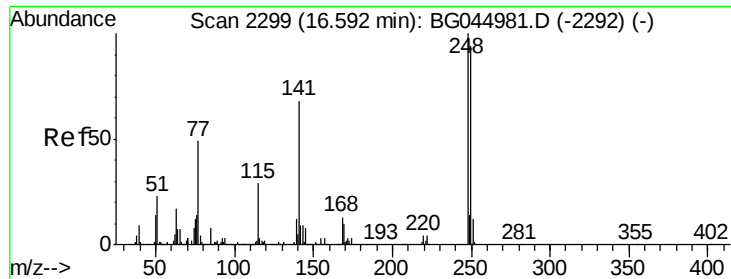
Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	169	Resp:	493334
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.8	83.8
167	38.4	30.8	46.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





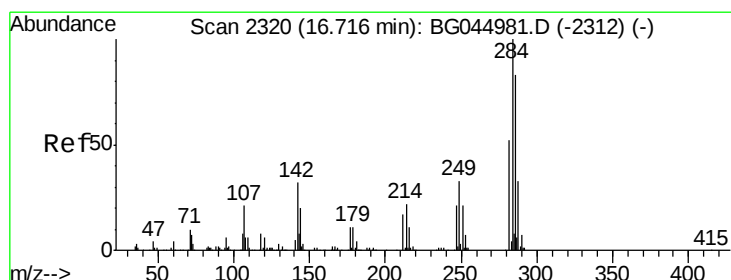
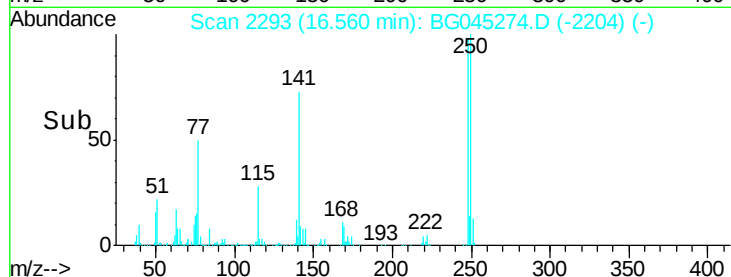
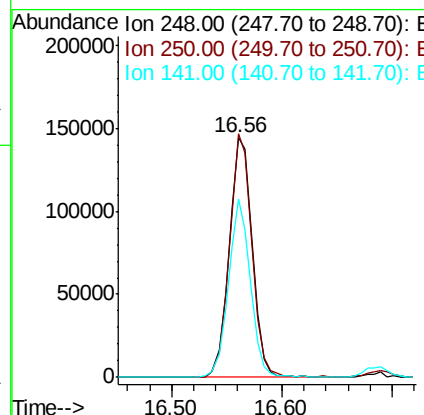
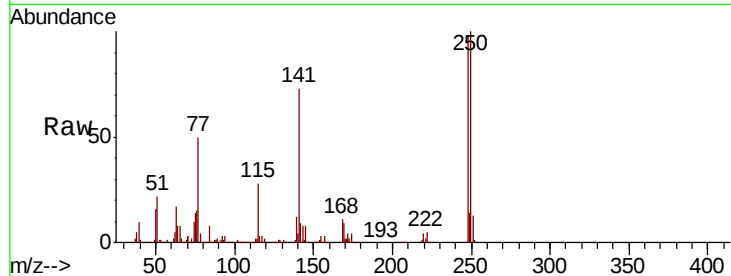
#67
4-Bromophenyl-phenylether
Concen: 39.066 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.6	75.4	113.2
141	74.6	54.4	81.6

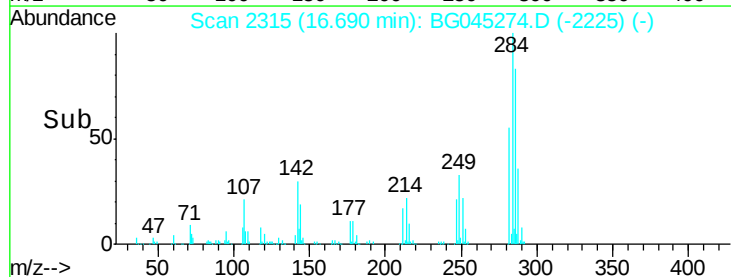
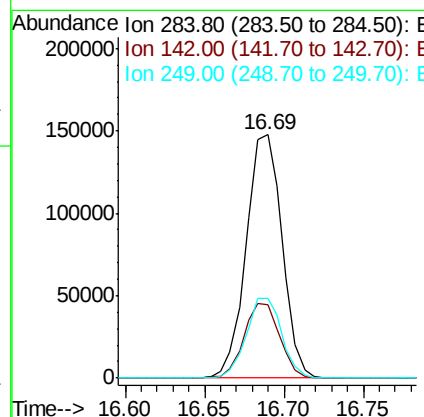
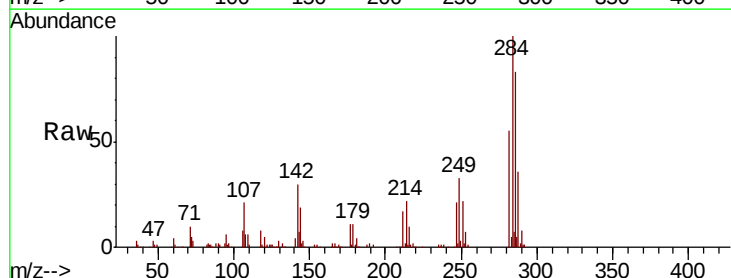
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#68
Hexachlorobenzene
Concen: 41.319 ng
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.8	38.6
249	32.7	26.6	39.8





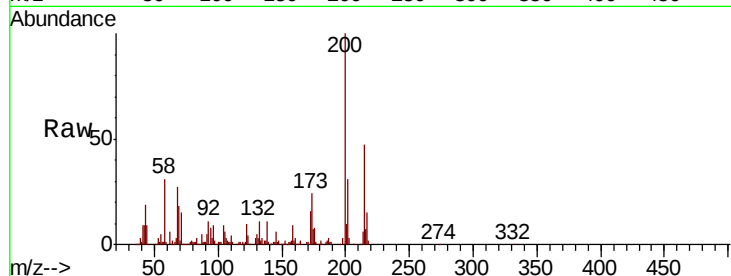
#69
Atrazine
Concen: 42.702 ng
RT: 16.83 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

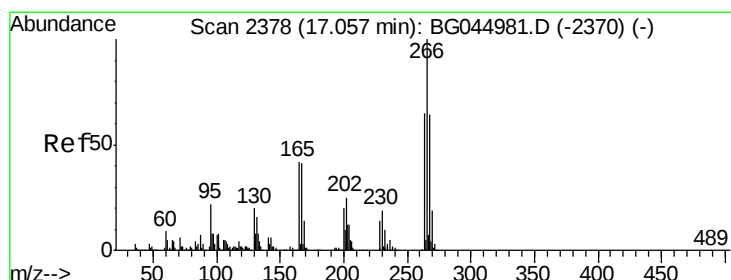
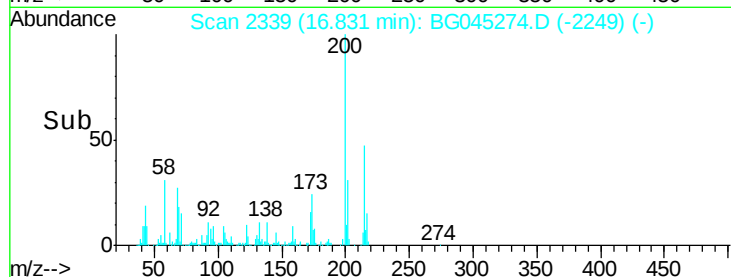
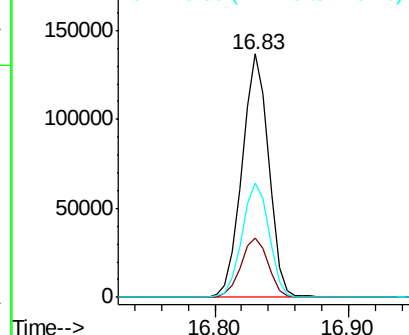
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.5	44.5
215	46.9	30.0	70.0

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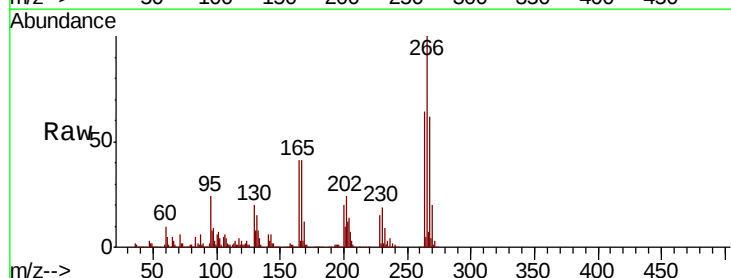


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

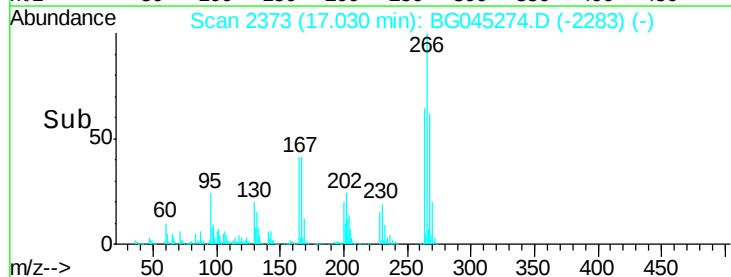
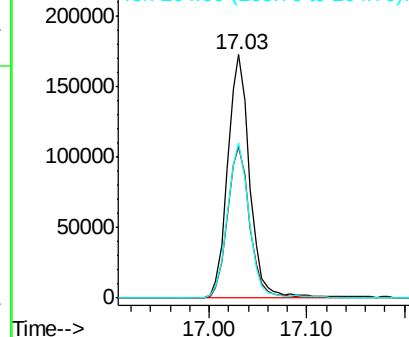


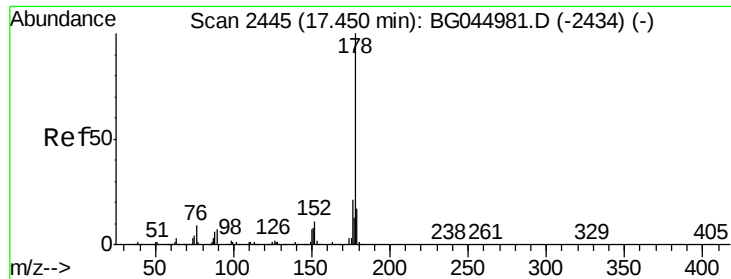
#70
Pentachlorophenol
Concen: 78.809 ng
RT: 17.03 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.5	77.3
264	63.9	52.2	78.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





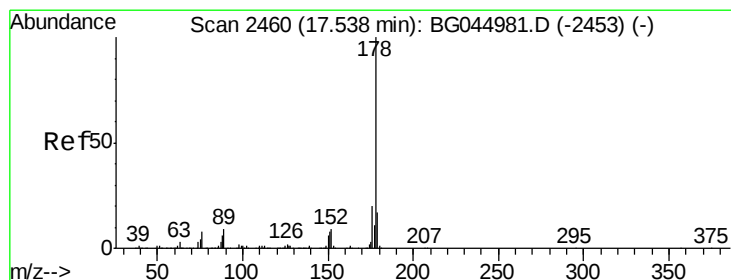
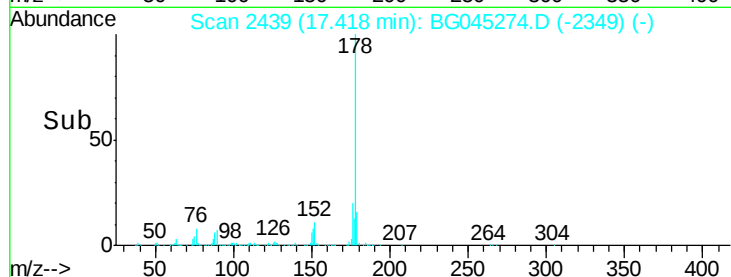
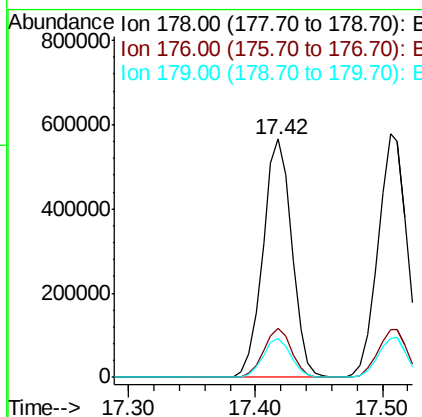
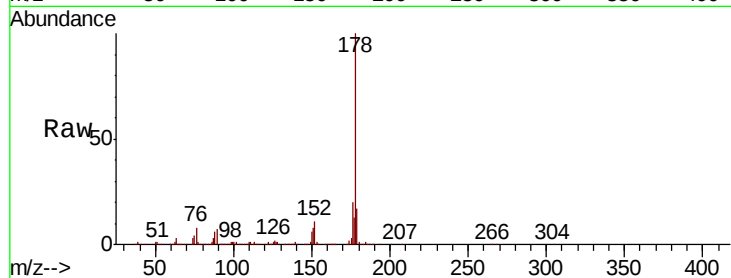
#71
Phenanthrene
Concen: 41.622 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.8	25.2
179	16.6	13.2	19.8

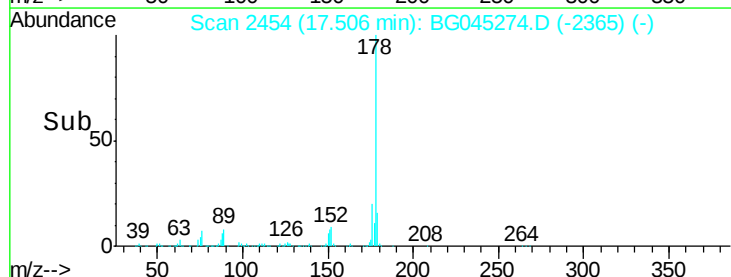
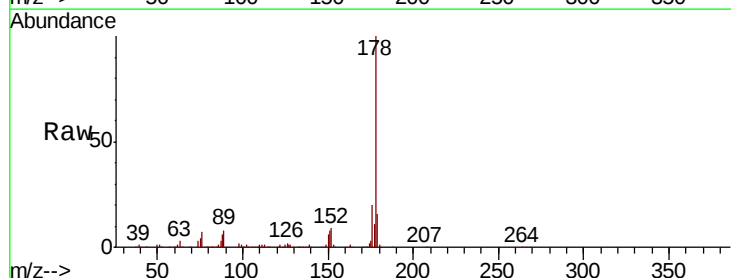
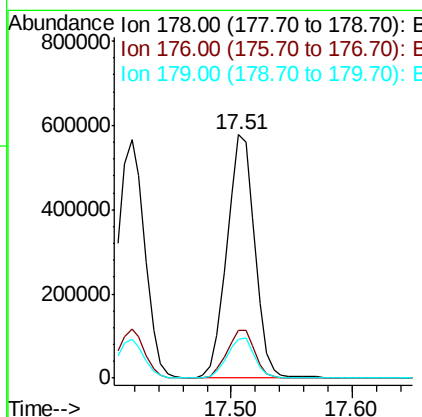
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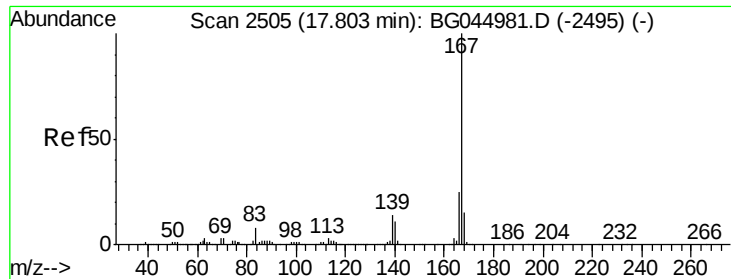
mohammad
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#72
Anthracene
Concen: 42.684 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.9	13.6	20.4





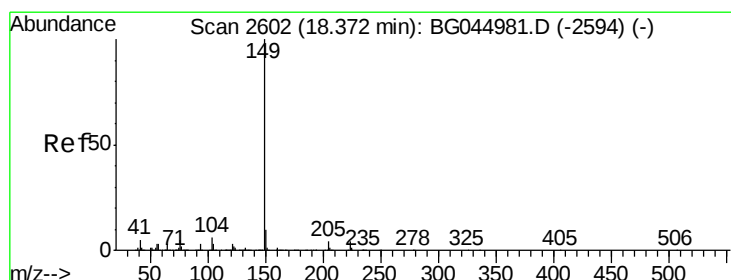
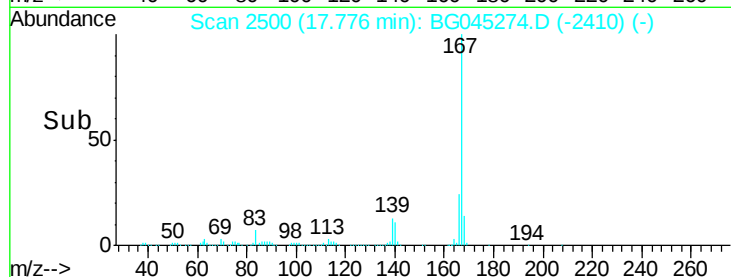
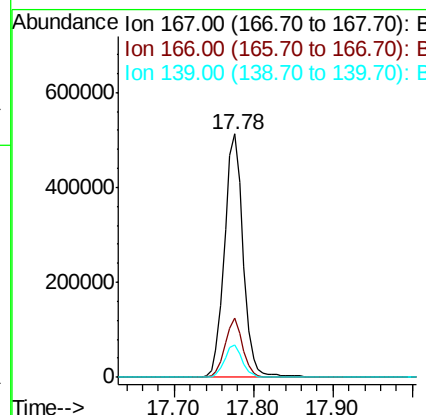
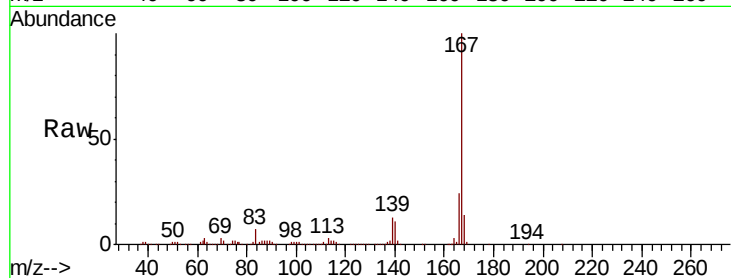
#73
 Carbazole
 Concen: 38.155 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128702BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	19.8	29.6
139	13.4	10.9	16.3

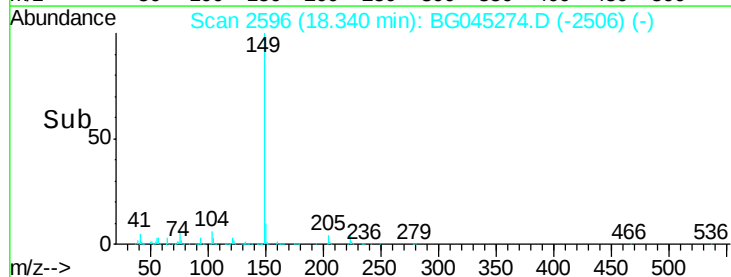
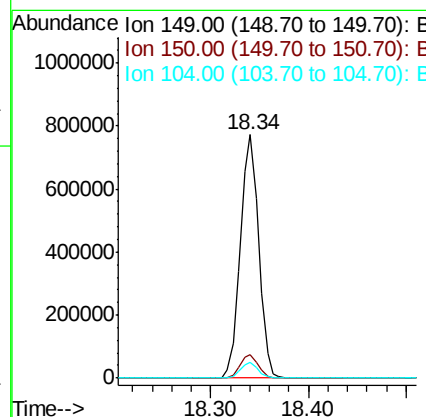
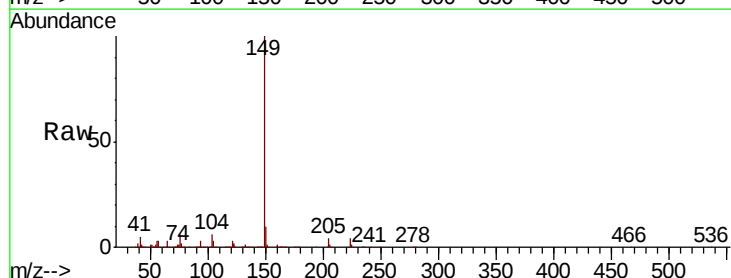
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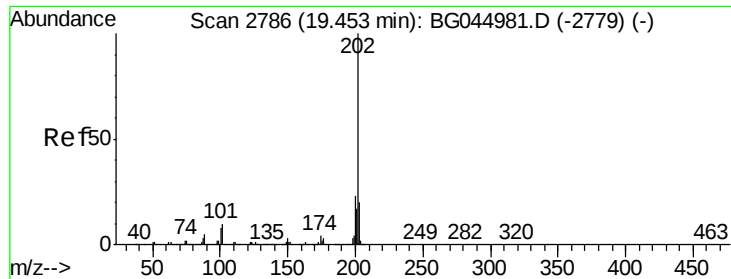
mohammad
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#74
 Di-n-butylphthalate
 Concen: 41.771 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. 0.00 min
 Lab File: BG045274.D
 Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	6.3	4.8	7.2





#75

Fluoranthene

Concen: 43.395 ng

RT: 19.43 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

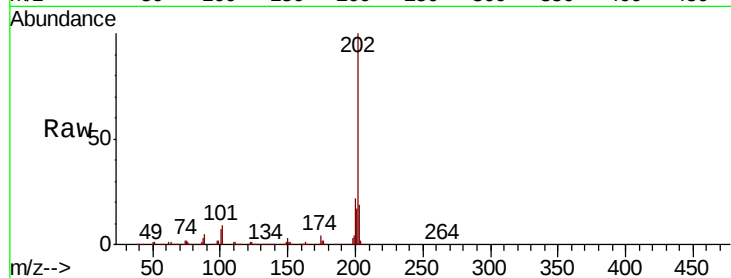
ClientSampleId :

PB128702BS

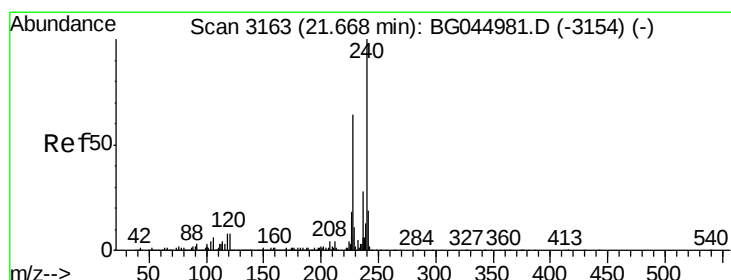
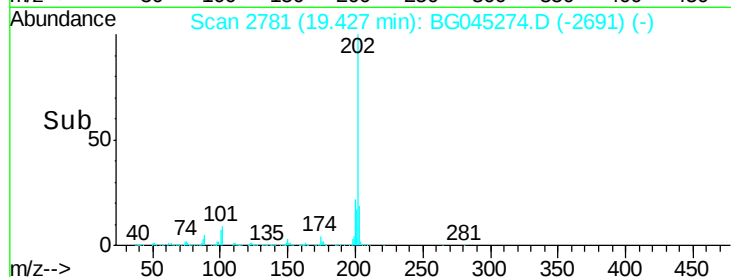
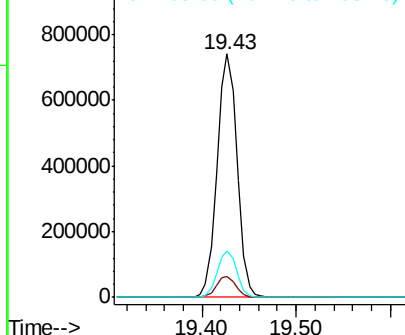
Tot Ion:	202	Resp:	1104120
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.6
203	19.3	0.0	39.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

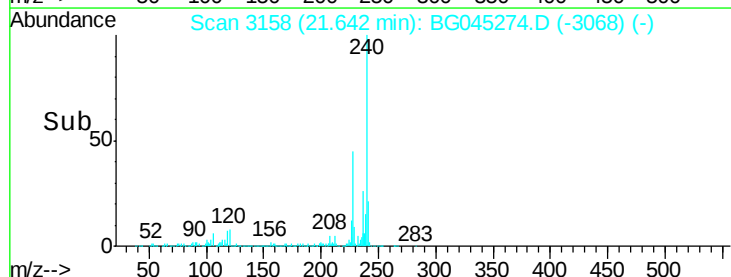
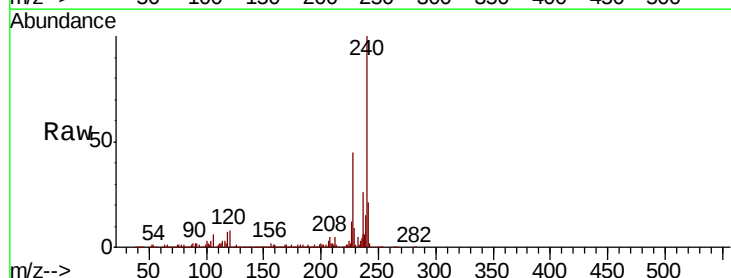
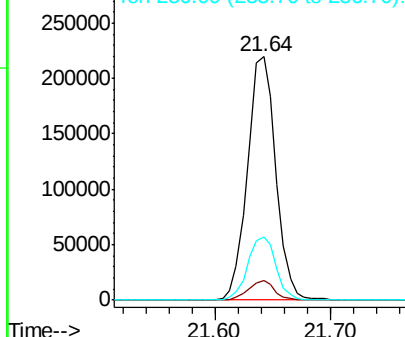
Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	240	Resp:	376371
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.6	10.0
236	25.9	22.2	33.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.501 ng

RT: 19.60 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

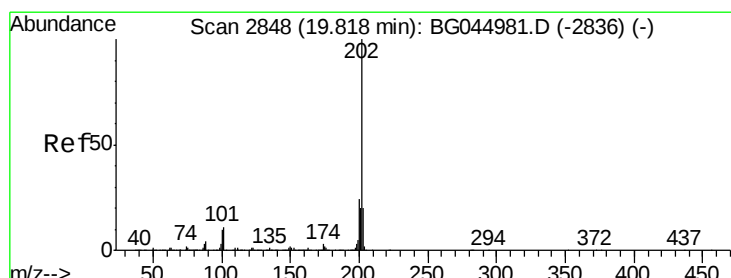
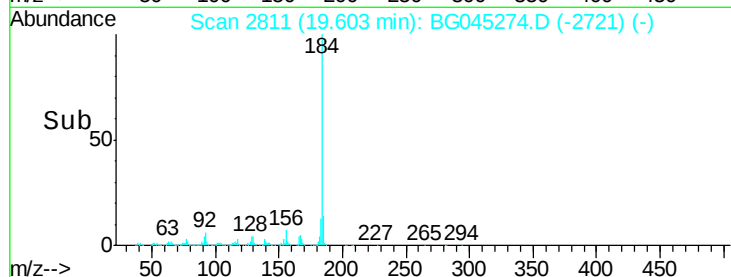
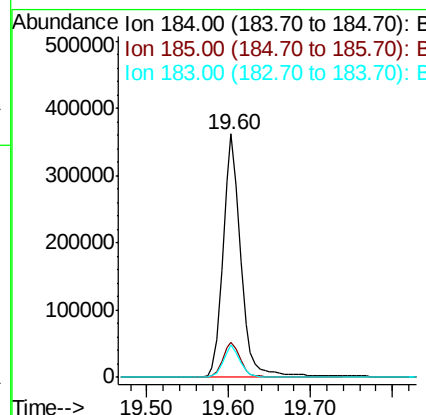
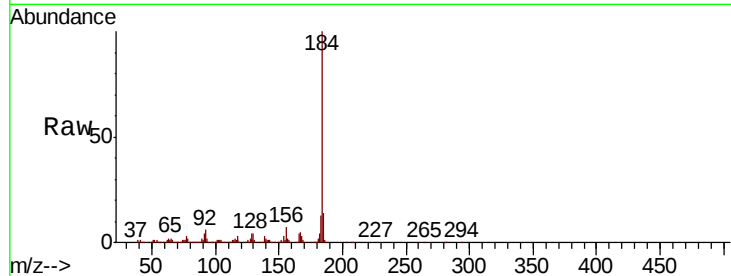
ClientSampleId :

PB128702BS

Tot Ion:	184	Resp:	552042
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	19.0
183	13.1	11.3	16.9

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#78

Pyrene

Concen: 41.738 ng

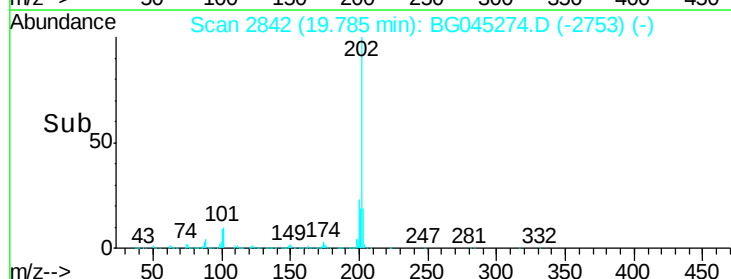
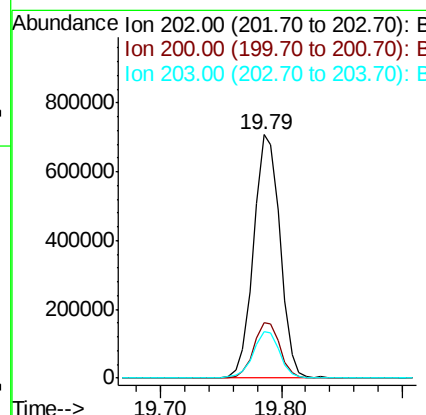
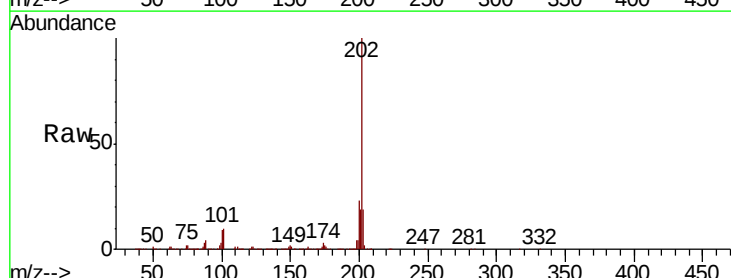
RT: 19.79 min Scan# 2842

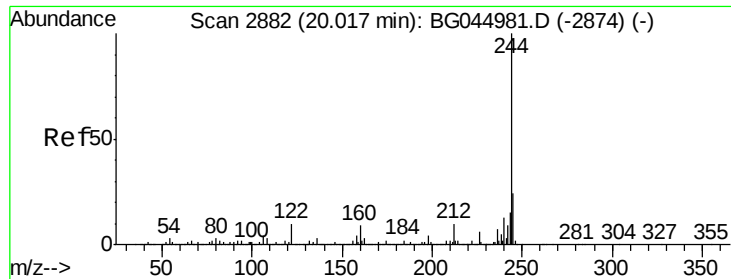
Delta R.T. -0.01 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	202	Resp:	1082976
Ion Ratio	Lower	Upper	
202	100		
200	22.7	19.0	28.6
203	19.0	16.1	24.1





#79

Terphenyl-d14

Concen: 100.422 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

ClientSampleId :

PB128702BS

Tot Ion:244 Resp: 1734098

Ion Ratio Lower Upper

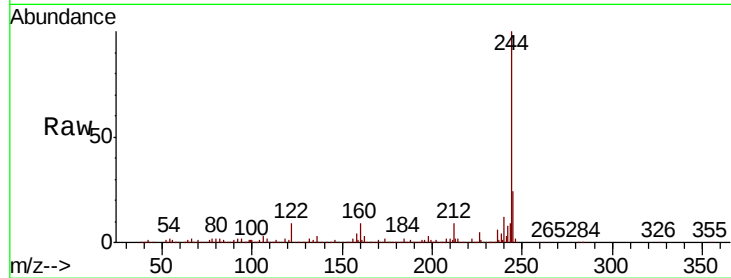
244 100

212 9.1 7.9 11.9

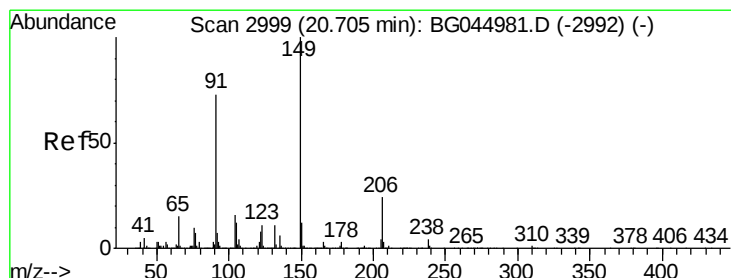
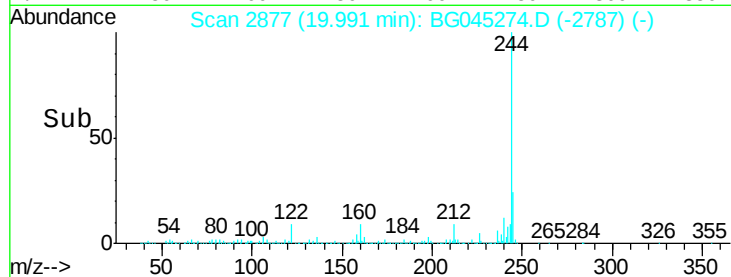
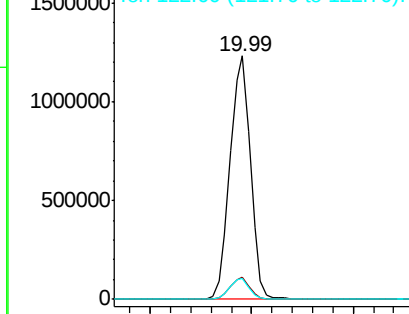
122 8.6 7.7 11.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.478 ng

RT: 20.68 min Scan# 2994

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

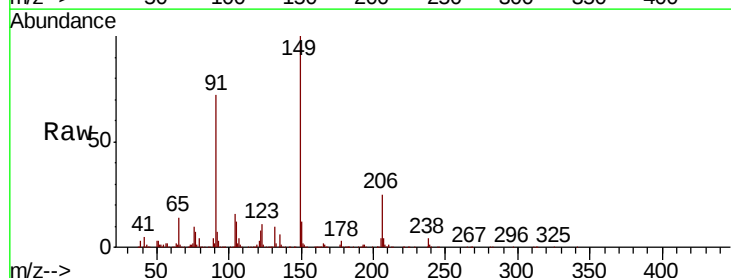
Tgt Ion:149 Resp: 446117

Ion Ratio Lower Upper

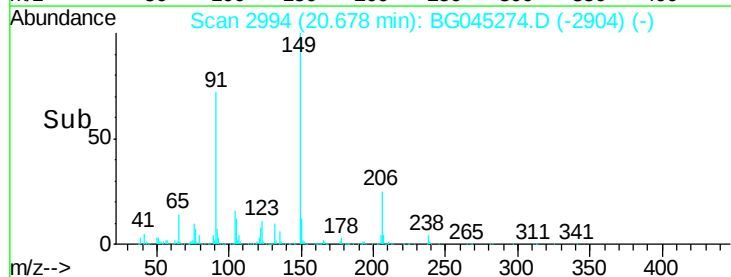
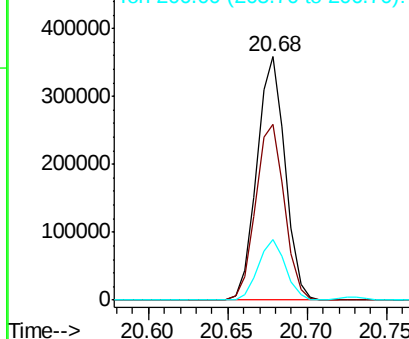
149 100

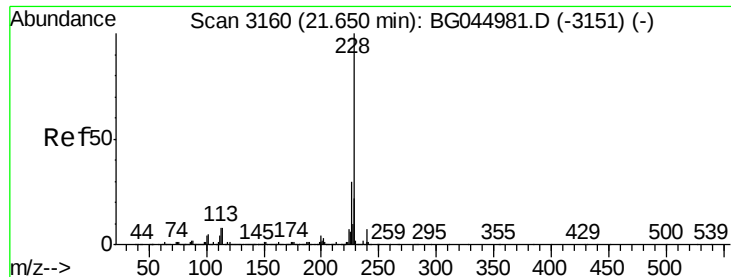
91 72.2 58.5 87.7

206 25.0 19.2 28.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





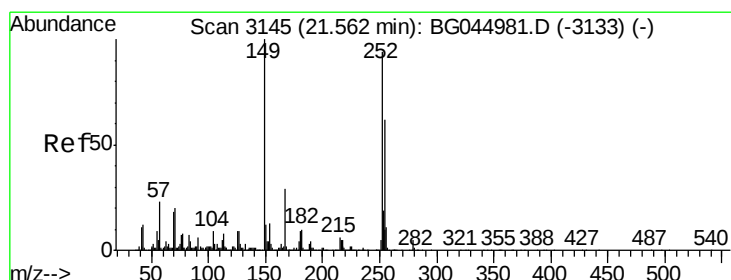
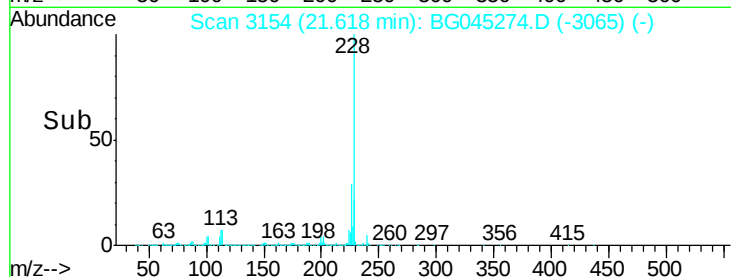
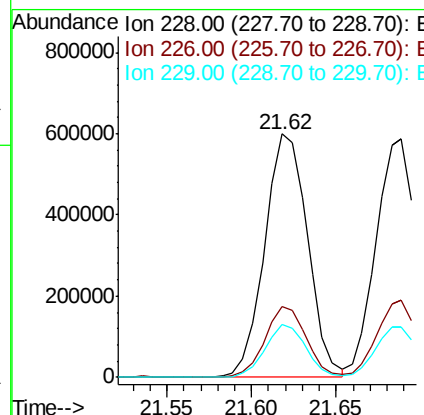
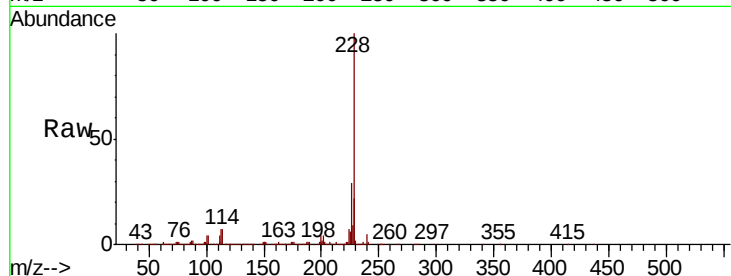
#81
Benzo(a)anthracene
Concen: 43.003 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	21.5	17.5	26.3

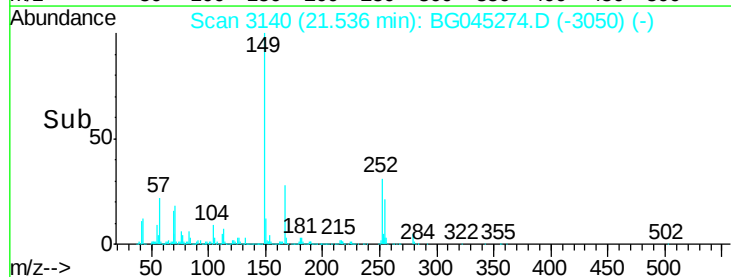
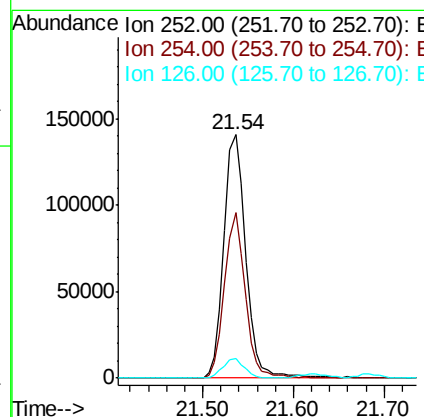
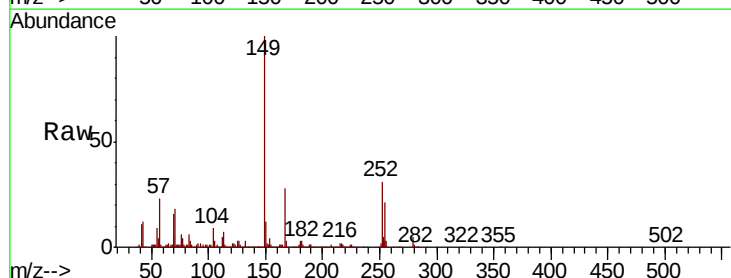
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 24.376 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.0	52.6	79.0
126	8.3	7.5	11.3





#83

Chrysene

Concen: 42.982 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

ClientSampleId :

PB128702BS

Tot Ion:228 Resp: 1007416

Ion Ratio Lower Upper

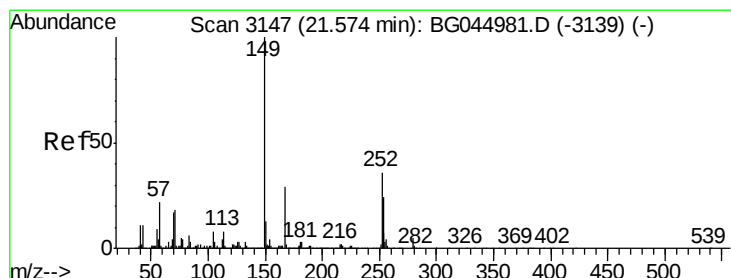
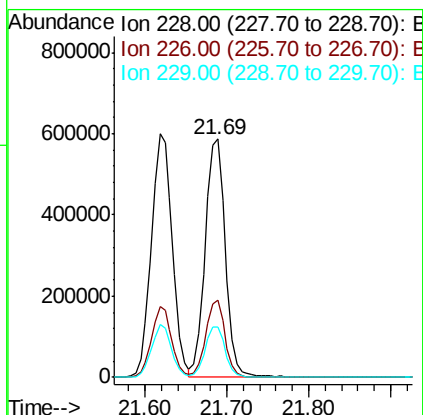
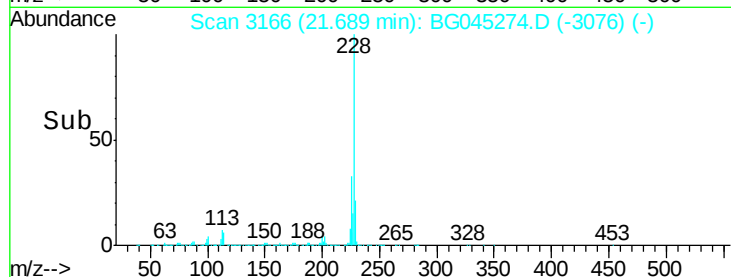
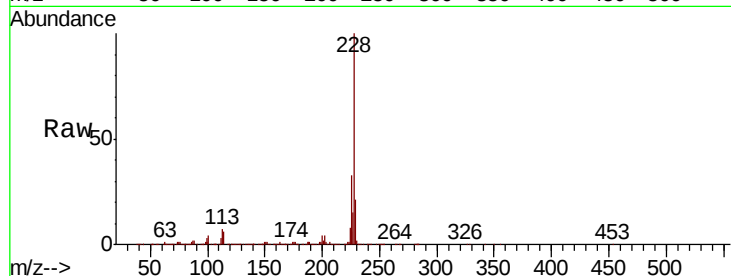
228 100

226 32.5 26.2 39.4

229 21.2 17.0 25.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.318 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

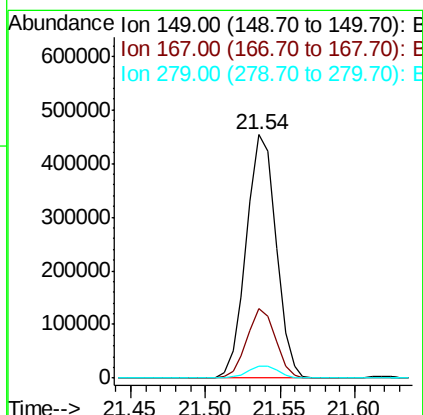
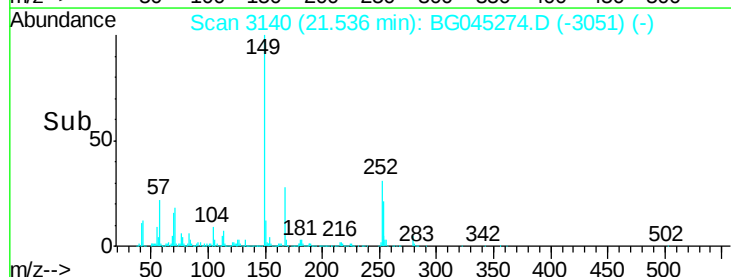
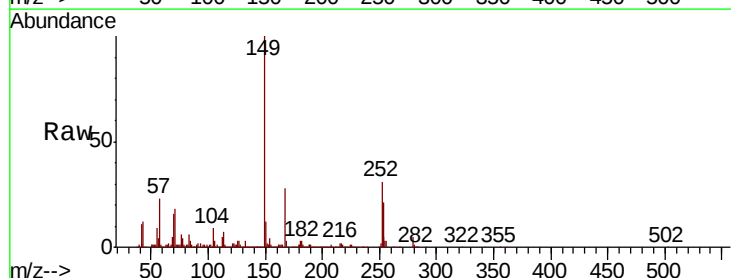
Tgt Ion:149 Resp: 625980

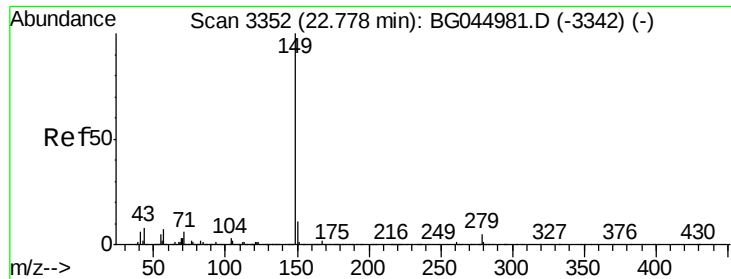
Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

279 5.2 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 41.450 ng

RT: 22.73 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

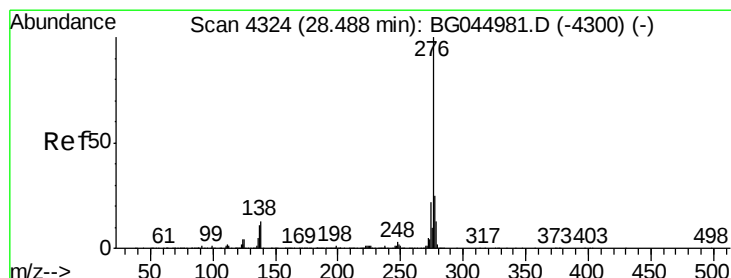
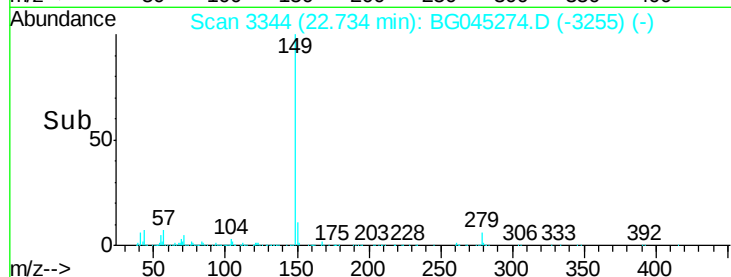
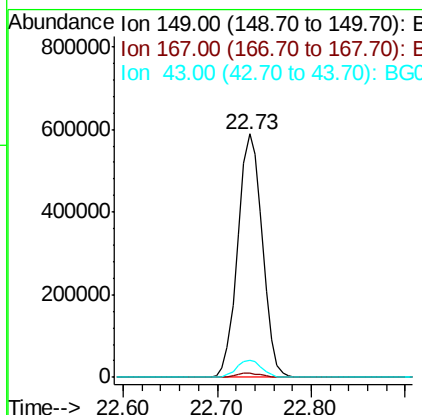
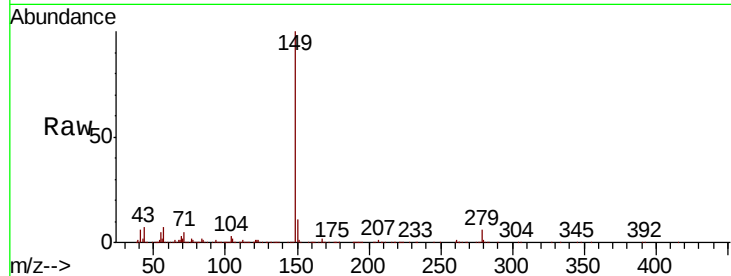
ClientSampleId :

PB128702BS

Tot Ion:	149	Resp:	1060290
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.2	5.7	8.5

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.776 ng

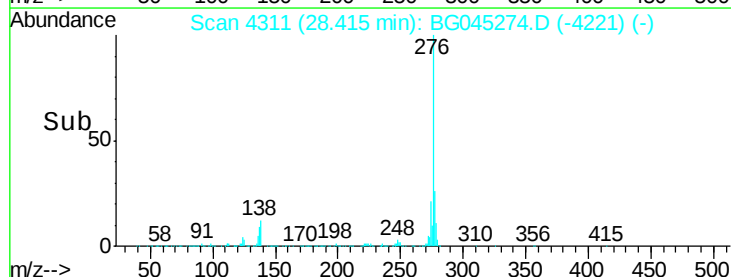
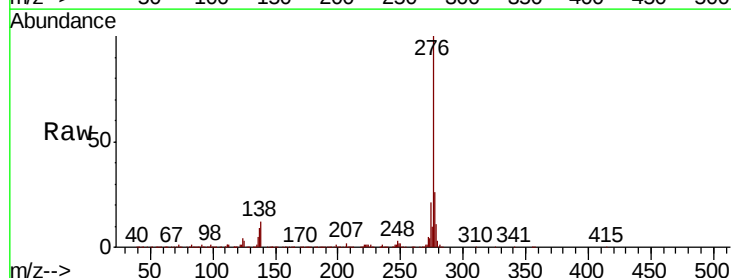
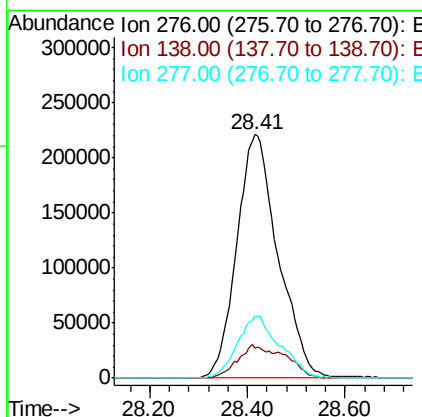
RT: 28.41 min Scan# 4311

Delta R.T. 0.00 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion:	276	Resp:	1300021
Ion	Ratio	Lower	Upper
276	100		
138	10.7	9.6	14.4
277	25.9	20.6	31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Instrument :

BNA_G

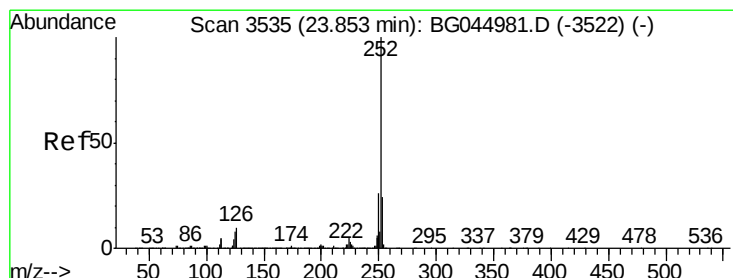
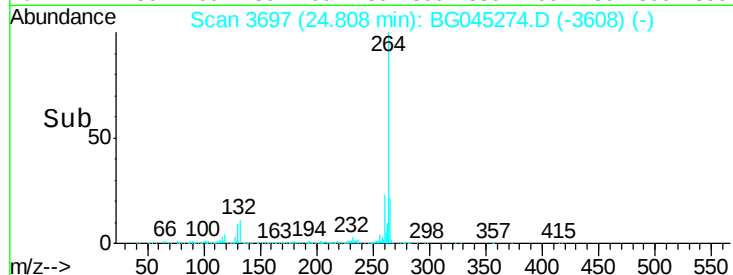
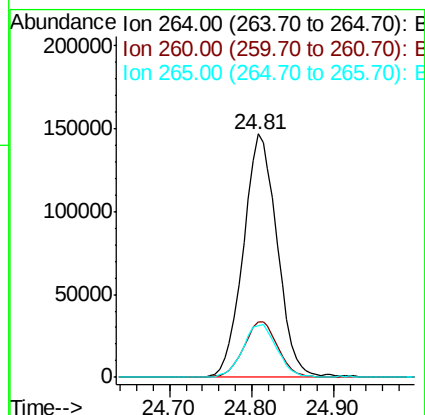
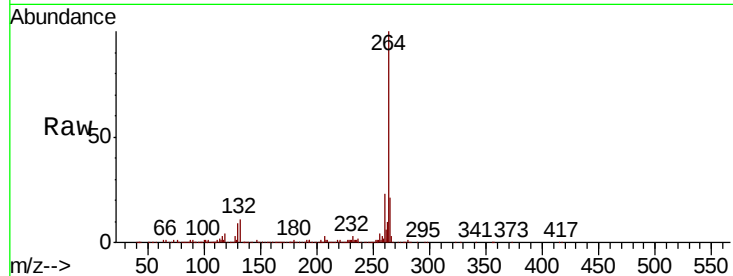
ClientSampleId :

PB128702BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.0	19.0	28.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 41.027 ng

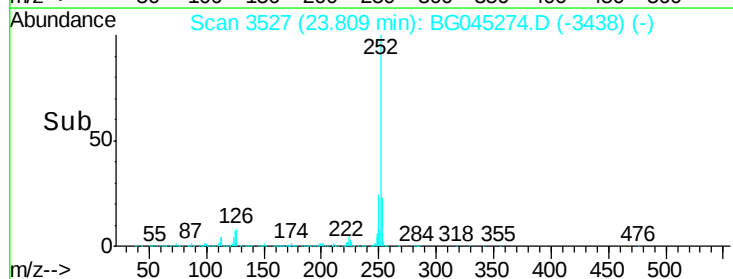
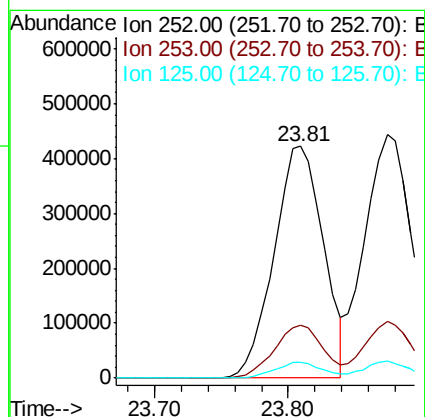
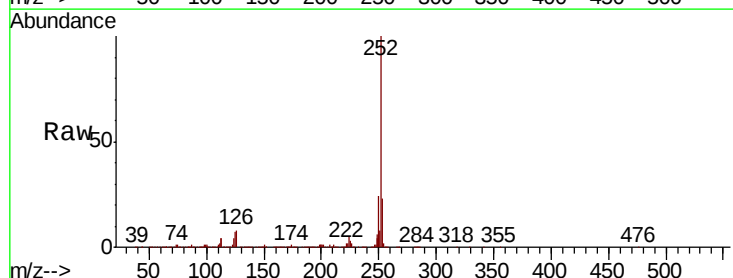
RT: 23.81 min Scan# 3527

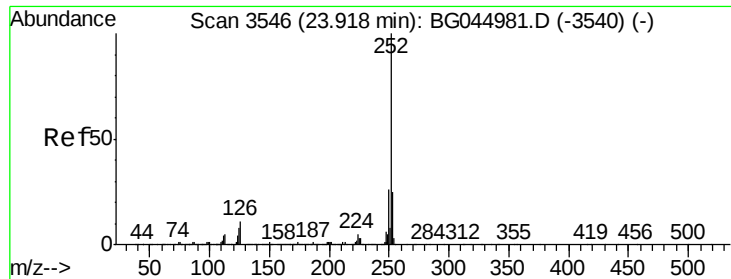
Delta R.T. -0.01 min

Lab File: BG045274.D

Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.8	28.2
125	6.7	6.2	9.4





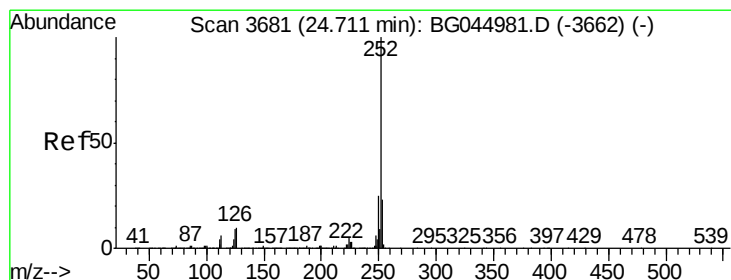
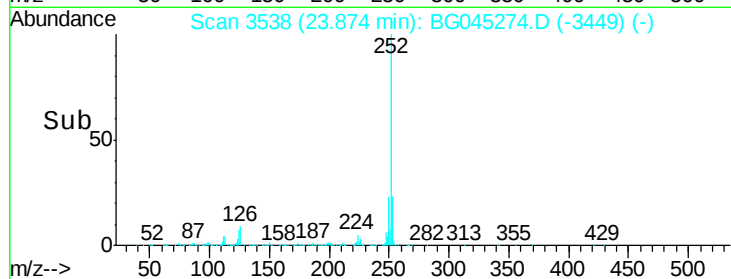
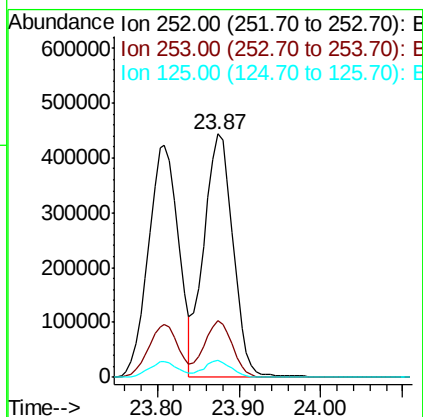
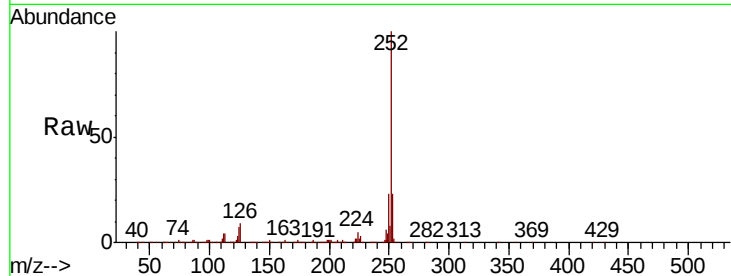
#89
Benzo(k)fluoranthene
Concen: 43.725 ng
RT: 23.87 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	7.1	5.9	8.9

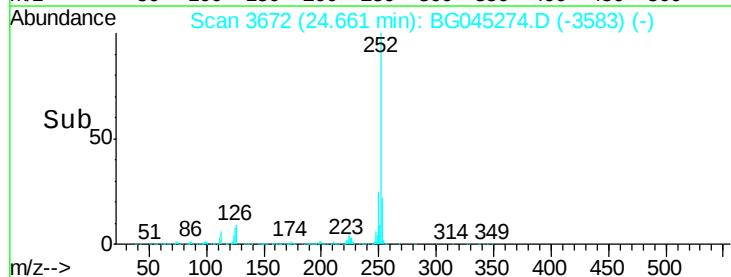
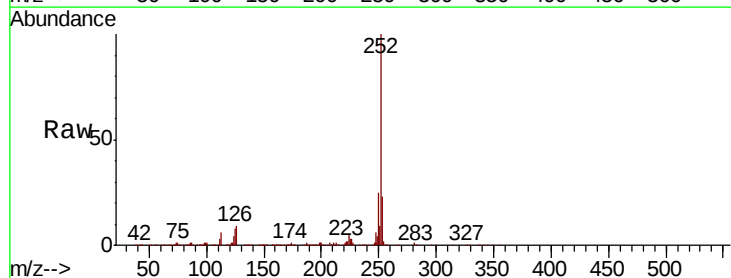
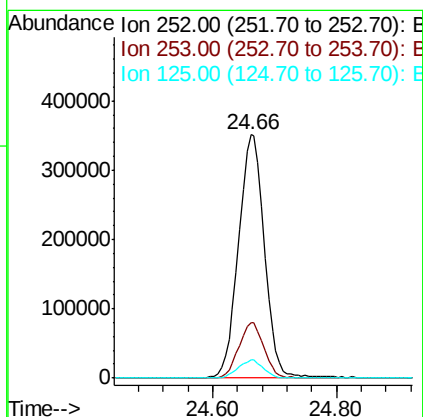
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#90
Benzo(a)pyrene
Concen: 41.201 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	7.8	7.0	10.6





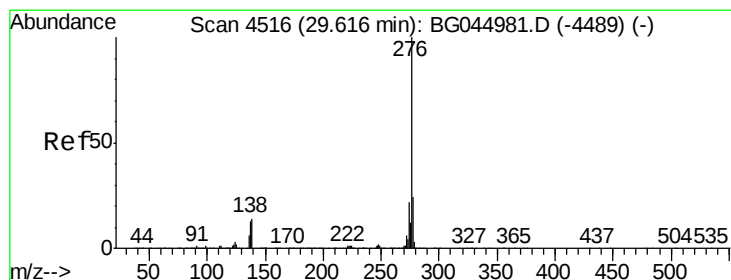
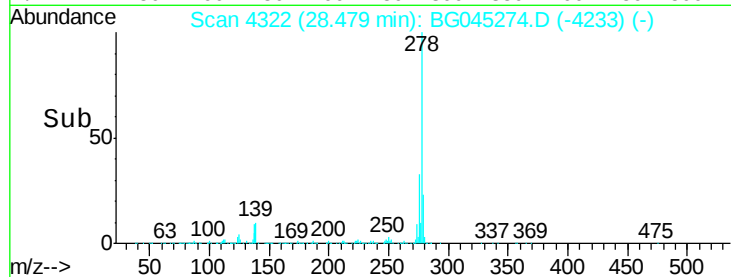
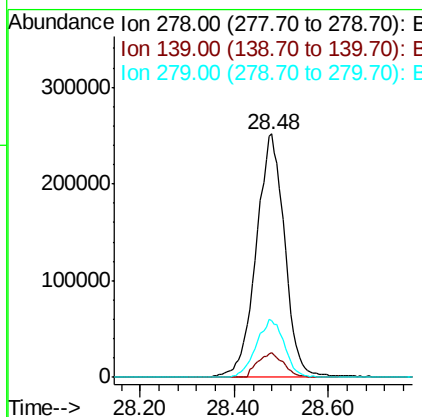
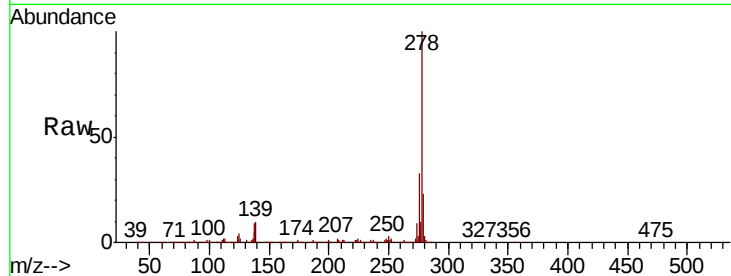
#91
Dibenzo(a,h)anthracene
Concen: 42.275 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.01 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Instrument :
BNA_G
ClientSampleId :
PB128702BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	9.0	13.6
279	23.2	18.4	27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 43.228 ng
RT: 29.54 min Scan# 4503
Delta R.T. 0.00 min
Lab File: BG045274.D
Acq: 7 May 2020 18:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	13.0	11.4	17.2

